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CANADA



# THE CANADIAN WHEAT BOARD ANNUAL REPORT 1981/82









# **THE CANADIAN WHEAT BOARD**

**ANNUAL REPORT  
1981/82**

Cover: The Great Lakes and St. Lawrence Seaway system remains the largest export route for Canadian grain. The Algowest, shown loading at Thunder Bay, was launched in April of 1982, and is one of a series of new lakers being built to handle the expected increase in prairie grain shipments over the next few years.



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Honourable Hazen Argue  
Minister of State for the  
Canadian Wheat Board  
Ottawa, Ontario

Winnipeg, Manitoba  
March 31, 1983.

Sir:

We beg to submit herewith the annual Report of the Canadian Wheat Board for the crop year ending July 31, 1982, as required by the Canadian Wheat Board Act.

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# PART I THE INTERNATIONAL GRAIN MARKET

## INTRODUCTION

The steady downward trend in international grain prices throughout the year under review is difficult to rationalize purely from a world supply/demand standpoint. Although world grain production reached a record 1.639 billion tonnes, it is notable that this was only four per cent more than in 1980-81; hardly a significant increase on the heels of a year when there were serious concerns about world food reserves. World consumption was estimated at a record 1.6 billion tonnes, leaving world carryover stocks at only 208 million tonnes, or 13 per cent of world consumption. The United Nation's Food & Agriculture Organization (FAO) says 18 per cent is considered a minimum for world food security. However, with a closer examination of production, trade, and consumption, the reasons become a little more clear.

Chart I shows world production of wheat, rice, and coarse grains. The largest increase was in coarse grains which jumped from 732.6 million tonnes in 1980 to 767.4 million tonnes in 1981. The increase in world wheat production, though more moderate than that in coarse grains, was up 15.7 million tonnes from the year before. Rice production increased 15.3 million tonnes.

Increased wheat production was balanced to some extent by a rise in world wheat trade. Wheat trade was estimated at 99.3 million tonnes compared to 94 million tonnes the year before. Coarse grain trade, on the other hand, dropped slightly to 101 million tonnes from a record 105 million tonnes in 1980-81.

The result was an increase in world carryover for both wheat and coarse grains. Wheat carryover was estimated at 81.2 million tonnes, up nine per cent from the year before. Coarse grain carryover was estimated at 114.0 million tonnes, up 42 per cent from 1981.

But once again, the total was not as important as where the bumper crops and shortfalls took place. Probably the two most notable features of the 1981 world crop were:

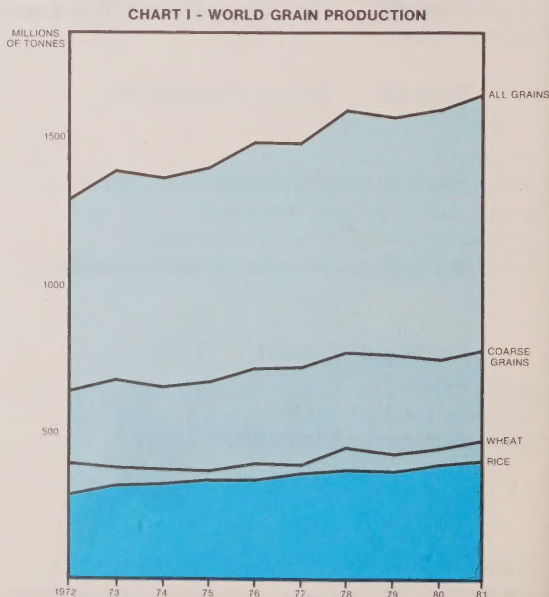
1. The massive corn and wheat crops in the United States. After a drought-reduced crop in 1980, U.S. corn production in 1981 reached an unprecedented 208 million tonnes (8.2 billion bushels). The increase in the U.S. coarse grain crop more than

offset declines in other countries. World coarse grain output increased by 34.8 million tonnes in 1981, but the U.S. coarse grain crop was over 50 million tonnes larger than in 1980.

The increase in the U.S. wheat crop was almost as dramatic. It reached 76 million tonnes (2.8 billion bushels), compared to 64.6 million tonnes in 1980.

2. Another very short crop in the Soviet Union. Although official figures have never been released, some estimates place the total Soviet crop at only 160 million tonnes, compared to 1980 production of 179 million tonnes and the official target of 236 million tonnes. The shortfall resulted in record Soviet purchases on the world market.

Other major grain producing countries also had significant changes from 1980, but none were as great as in the U.S. and the Soviet Union. Partly as a result of large Soviet purchases, world demand stayed strong in 1981-82. But it was not strong enough to prevent the large stock build up in the U.S. The problem was probably more acute for coarse grains, and for corn in particular, than for wheat. U.S. wheat exports rose by about 7.0 million tonnes (250 million bushels) during the year, only partly offsetting the increased production. Carryover, at 1.2 billion bushels, was up about 17 per cent from the previous year.







On the other hand, U.S. corn exports declined by 12 million tonnes or 18 per cent during the year, despite the large increase in production. Carryover stocks doubled to just over two billion bushels (53 million tonnes) by the end of the crop year. This was probably the single largest factor weighing on world prices during 1981-82.

The resulting pessimism was increased by several other factors. The main one was continuing uncertainty over Soviet buying of U.S. grain. Throughout the year, the Soviets tended to purchase as much as possible from other exporters, leaving the U.S. as a residual supplier. Although the five-year long-term grain agreement between the two countries was extended for a sixth year during 1981-82, there was continued uncertainty over whether the U.S. government might impose another embargo on grain shipments. These concerns were heightened by that government's response to imposition of martial law in Poland. Although the U.S. administration said that it would not impose an embargo specifically on grain, it did not rule out the possibility of a general embargo on all products exported to the Soviet Union.

Generally poor economic conditions around the world weighed on all commodity prices during the year. High interest rates restricted forward purchases. There were concerns over the ability of some countries, especially those with large foreign debts, to pay for their grain purchases. However, the intense competition that built up during the year sparked some exporting countries to offer more credit to aid their sales efforts. In late February, the Soviet Union, which had been a cash buyer for many years, purchased 1.35 million tonnes of U.S. corn and one million tonnes of Australian wheat on short-term credit. This was followed by credit on U.S. wheat, extended by international trading companies. Later, the Canadian Wheat Board found it necessary to offer 180-day credit to the Soviet Union.

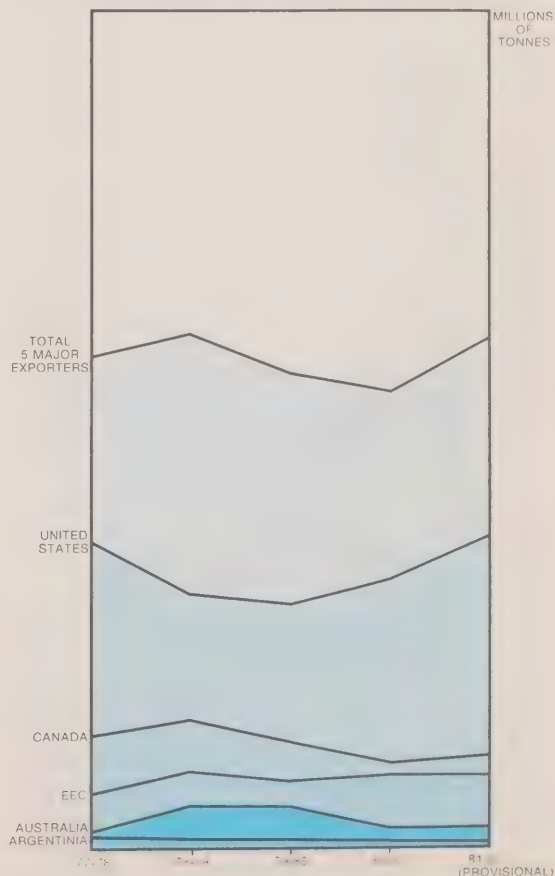
However, credit sales to the Soviets were at commercial terms and over a short period. Of great concern were moves in the United States toward credit subsidies. These were largely instituted in response to heavily subsidized competition from the EEC. In July of 1982, there were proposals for an interest rate "buy down", in which the U.S. government would pay part of the interest on loans over extended periods of up to ten years. This particular program was not implemented, but Congress later adopted a "blended credit" program for selected countries. This in effect

reduced interest rates on certain grain sales by about 20 per cent, and was equivalent to a price cut of over \$5.00 per tonne.

## THE WHEAT SITUATION BY AREA AND COUNTRY

World wheat production hit a record 460 million tonnes in 1981. This was 3.5 per cent higher than the year before and two per cent higher than the previous record set in the 1978. A record total area seeded to wheat was the main reason for the increase in wheat production. The average yield was higher than the year before but slightly less than the record set in 1978.

CHART II -  
CLOSING WHEAT STOCKS IN THE  
FIVE MAJOR EXPORTING COUNTRIES





Large harvests in all of the major exporting countries contributed mainly to the record world crop. Production in Canada and the United States hit records of 24.8 and 76 million tonnes respectively. The EEC harvest, at 54.5 million tonnes, was just under the record set in 1980. In Australia, a record area sown to wheat followed by timely rains increased production to 16.4 million tonnes, 50 per cent more than the year before. But there were other areas of the world, such as China, India, Bangladesh, Pakistan, Turkey, and Iraq, which also had good crops. In fact, the only major producer to have a poor outturn was the Soviet Union, where production fell well short of government targets.

World trade in wheat and wheat flour continued to grow in 1981-82, hitting a record 99.3 million tonnes. This was about five million tonnes above the previous record set the year before. The Soviet Union was once again the largest importer, accounting for about 18.6 million tonnes or 19 per cent of the world trade in wheat. It was followed by China at 13.1 million tonnes, Egypt at 5.9 million tonnes, and Japan at 5.6 million tonnes. India appeared as a significant buyer, for the first time in four years, importing about 2.6 million tonnes.

Carryover stocks of wheat in the five major exporting countries increased from 46.0 million tonnes at the end of 1980-81 to 51.8 million tonnes at the end of 1981-82. As shown in Chart II, the increases in carryover occurred primarily in the United States, and to a lesser extent, in Canada. U.S. carryover was estimated at 31.6 million tonnes, up 4.7 million tonnes from the year before. Canadian carryover increased by about one million tonnes. Carryover stocks in Argentina, Australia, and the EEC changed very little.

## THE SOVIET UNION

### Production:

Above normal rainfall in much of the Soviet winter wheat area kept plantings short of government targets. A small percentage of the winter wheat crop was estimated to be destroyed by winterkill but much of it emerged in poor condition in the spring. Soviet spring wheat production was hampered by wetness during planting, followed by a prolonged drought. Although no official estimate of wheat production was released by the Soviet Union, its production has been pegged at about 80 million tonnes.

### Trade:

Soviet wheat purchases totaled about 18.6 million tonnes, almost four million tonnes above levels from the year before. Of this, 4.5 million tonnes was supplied by Canada, 6.9 million tonnes came from the United States, 3.1 million tonnes were from Argentina, 2.3 from Australia, and 1.7 million tonnes from the EEC.

**TABLE 1**  
**UNION OF THE SOVIET SOCIALIST REPUBLICS**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production<sup>2</sup></b>						
Winter Wheat .....	49.4	38.4	49.8	NA		
Spring Wheat .....	42.6	51.8	48.4	NA		
Total .....	92.0	90.2	98.2	NA		
<b>Wheat Trade<sup>3</sup></b>						
Imports .....	5.8	11.7	15.0	18.6	+24%	19%
Exports .....	2.1	0.5	0.8	0.8	—	1%

<sup>1</sup> Preliminary — subject to revision.

<sup>2</sup> USDA Review of Agriculture in 1981 and Outlook for 1982.

<sup>3</sup> IWC World Wheat Statistics & Draft Review of the World Wheat Situation 1981-82 Appendix Table 3.

## NORTH AMERICA

### Production:

Increases in the area seeded to wheat and favourable growing conditions resulted in record wheat crops in Canada and the United States. The U.S. wheat crop was estimated at 76 million tonnes, up 18 per cent from the year before. Canadian production was estimated to be 24.8 million tonnes, up 29 per cent from 1980-81.

U.S. plantings increased by about 10 per cent, largely as a result of firm market prices and favorable autumn planting conditions. Weather conditions were excellent in most areas of the U.S. during the 1981 growing season, except in parts of the the hard red winter wheat area where crop outturn was affected by a late frost in May. Production increases were greatest in the spring wheat areas, where production rose to 12.7 million tonnes. This was 49 per cent higher than the previous year's spring wheat crop which had been reduced by drought.

Mexican production was estimated at about 3.2 million tonnes in 1981-82. The increased production was due largely to various government production incentives (including a 30 per cent support price increase), increased availability of credit, and larger water supplies for irrigation.





Details on Canada's wheat production are outlined in Part III of this report.

### Trade:

The United States and Canada together accounted for 67 per cent of world trade in wheat and wheat flour during the 1981-82 crop year. The U.S. share of the market was 48 per cent. The Canadian share was 19 per cent, up one per cent from the year before. Exports of Canadian wheat are discussed in detail in Part II of this report.

**TABLE 2**  
**NORTH AMERICA**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
<b>Wheat Production</b>						
Canada Total .....	19.0	17.2	19.1	24.8	+29%	5%
Spring Wheat .....	16.1	14.5	16.3	20.8	+27%	
Winter Wheat .....	0.7	0.9	0.9	1.0	+11%	
Durum Wheat .....	2.2	1.8	1.9	3.0	+58%	
U.S.A. Total .....	53.7	58.0	64.6	76.0	+18%	17%
Spring Wheat .....	9.8	9.9	8.5	12.7	+49%	
Winter Wheat .....	40.8	45.2	53.2	58.2	+9%	
Durum Wheat .....	3.0	2.9	2.9	5.1	+76%	
Mexico						
Total Wheat .....	2.8	2.3	2.8	3.2	+14%	1%
<b>Wheat Trade:</b>						
Canadian Exports ...	13.1	15.8	16.3	18.4	+13%	19%
Spring Wheat .....	11.5	13.9	14.2	16.1		
Durum Wheat .....	1.6	1.9	2.1	2.3		
U.S.A. Exports .....	29.7	37.4	41.2	48.2	+17%	48%
Spring Wheat .....	4.3	5.9	5.1	5.6	+10%	
Winter Wheat .....	23.9	29.2	34.5	40.4	+17%	
Durum Wheat .....	1.5	2.3	1.6	2.2	+37%	
Mexican Imports .....	0.5	1.0	1.2	0.9	-25%	1%

<sup>1</sup> Preliminary — subject to revision.

Source: Canada — Statistics Canada & Canadian Grain Commission.

U.S.A.— USDA Wheat Outlook & Wheat Situation Table 2  
November 1982.

Mexico — IWC World Wheat Statistics 1982 & IWC Draft Review  
of the World Wheat Situation: Appendix Tables II & III — 1981-  
82.

drought in the North China Plain also affected yields. The Chinese crop was estimated at about 58.5 million tonnes, up 4.3 million tonnes from 1980-81 but still below the 1979 record of 62.7 million tonnes.

Wheat production also increased in Pakistan, Turkey, and Iran.

### Trade:

Asian wheat imports rose by about five per cent to 37.6 million tonnes. The main reason for this was India's re-emergence as an importer. Increased Indian imports were offset somewhat by reduced imports by China.

**TABLE 3**  
**ASIA — WHEAT PRODUCTION AND IMPORTS**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
<b>Wheat Production</b>						
Total Asia .....	110.1	139.6	128.3	139.5	+9%	30%
China .....	48.5	62.7	54.2	58.5		
India .....	27.1	35.5	31.6	36.5		
Pakistan .....	8.3	10.0	10.8	11.5		
Turkey .....	15.1	17.5	16.6	17.0		
Others .....	11.1	13.9	15.1	16.0		
<b>Wheat Imports (including Flour)</b>						
Total Asia .....	29.4	32.8	35.8	37.6	+5%	38%
Bangladesh .....	1.3	2.2	0.7	1.1		
China .....	5.5	8.7	13.8	13.1		
India .....	3.3	0.2	0.4	2.6		
Indonesia .....	1.0	1.5	1.3	1.5		
Iran .....	1.2	1.2	1.7			
Iraq .....	1.1	2.3	1.4	1.6		
Lebanon .....	0.3	0.3	0.4	0.3		
Japan .....	5.6	5.6	5.9	5.6		
Pakistan .....	1.2	0.6	0.2	0.3		
Philippines .....	0.7	0.9	0.9	0.9		
Republic of Korea .....	1.7	1.8	2.1	1.9		
Saudi Arabia .....	0.6	1.4	0.8	0.7		
Socialist Rep. of Vietnam .....	0.9	0.8	0.6	0.4		
Sri Lanka .....	0.7	0.8	0.5	0.7		
Others .....	4.3	4.5	5.1	5.6		

<sup>1</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review World Wheat Situation,  
Appendix Tables II & III.

## ASIA

### Production:

Asian wheat production was estimated at 139.5 million tonnes, up nine per cent from the year before. India accounted for about 40 per cent of this increase with production rebounding to a record 36.5 million tonnes. In China, seeding of winter wheats was reduced by unfavorable weather conditions. A spring

## WESTERN EUROPE

### Production:

Wheat production in the 10 EEC countries was estimated at 54.5 million tonnes, or about two per cent less than the 1980 record. France, the Community's largest wheat producer, accounted for about



22.9 million tonnes. French yields were down slightly but this was offset somewhat by a four per cent increase in the area seeded to wheat.

Below-average wheat harvests in Spain, Portugal, and Finland largely accounted for the sharp drop in non-EEC production. A prolonged drought and heat wave during the 1981 growing season drastically reduced Spain's wheat crop to only 3.3 million tonnes and Portugal's production to only 285 000 tonnes. Excessive rains in Finland delayed the 1981 wheat harvest, reducing crop quality and yield.

### Trade:

Wheat exports from Western Europe decreased by four per cent to 14.7 million tonnes in 1981-82. Of this, the EEC accounted for 14.1 million tonnes. Total Western European imports fell to 6.4 million tonnes, or about three per cent less than 1980-81.

**TABLE 4**  
**WESTERN EUROPE**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
<b>Wheat Production</b>						
Total West Europe ...	52.4	55.7	64.7	60.9	-5%	13%
EEC ...	43.9	48.8	55.1	54.5	-1%	12%
France ...	17.9	19.5	23.7	22.9		
Greece ...	2.2	2.4	2.9	2.7		
Italy ...	8.7	9.0	9.1	9.0		
West Germany ...	7.4	8.0	8.2	8.3		
U.K. ...	5.4	7.2	8.5	8.7		
Other EEC ...	2.3	2.7	2.7	2.9		
Other West Europe ..	8.5	6.9	9.6	6.4	-33%	1%
Spain ...	4.4	4.1	5.9	3.3		
Sweden ...	1.6	1.0	1.2	1.1		
Others ...	2.5	1.8	2.5	2.0		
<b>Wheat Trade</b>						
<b>Imports<sup>1</sup></b>						
Total West Europe ...	6.6	6.7	6.6	6.4	-3%	6%
EEC <sup>2</sup> ...	5.2	4.5	4.6	4.4		
U.K. ...	3.1	1.7	1.4	1.3		
Italy ...	2.3	1.3	1.7	1.5		
West Germany ...	1.3	0.1	0.1	0.1		
Other EEC ...	3.0	1.4	1.4	1.5		
Other West Europe ..	1.4	2.2	2.0	2.1		
<b>Exports</b>						
Total West Europe ...	7.4	11.8	15.3	14.7	-4%	15%
EEC <sup>2</sup> ...	6.4	11.1	13.6	14.1		
Non-EEC ...	1.0	0.7	1.7	0.6		

<sup>1</sup> Ten Member States.

<sup>2</sup> Totals for ten member states. EEC and world totals exclude intra-trade between member states. Figures for individual EEC member states show gross exports & gross imports, except in 1978-79 for Imports.

<sup>3</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review of the World Wheat Situation, 1981-82, Appendix Tables II and III.

## EASTERN EUROPE

### Production:

Wheat production fell by 13 per cent to about 30.5 million tonnes in spite of efforts by Eastern European governments to increase production. Area seeded to wheat was down due to adverse sowing conditions. Production in southern regions suffered from dry weather in late spring and early summer. Heavy rains slowed harvest in the northern regions.

### Trade:

Eastern European wheat imports fell by about 10 per cent to six million tonnes in 1981-82, in spite of reduced production in the area. The drop in imports was likely due to cash flow problems in many of these countries combined with more restrictive credit availability and terms.

**TABLE 5**  
**EASTERN EUROPE**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
<b>Wheat Production</b>						
Total East Europe ...	33.5	27.7	34.4	30.5	-11%	7%
Albania ...	0.3	0.4	0.4	0.4		
Bulgaria ...	3.1	3.4	3.8	4.4		
Czechoslovakia ...	5.0	3.7	5.4	4.3		
Germany, Dem. Rep. of ...	2.9	3.1	3.1	2.9		
Hungary ...	5.0	3.7	6.0	4.6		
Poland ...	5.7	4.2	4.2	4.2		
Romania ...	5.9	4.7	6.4	5.4		
Yugoslavia ...	5.5	4.5	5.1	4.3		
<b>Imports</b>						
Total East Europe ...	4.7	6.2	6.7	6.0	-10%	6%
Poland ...	2.2	3.8	3.9	3.7		
Germany, Dem. Rep. of ...	1.2	0.5	0.9	0.4		
Czechoslovakia ...	0.5	0.7	0.3	0.1		
Others ...	0.8	1.2	1.6	1.8		

<sup>1</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review of the World Wheat Situation, 1981-82 Appendix Tables II and III.

## AFRICA

### Production:

Africa's wheat production totaled 9.1 million tonnes in 1981, up about five per cent from 1980. The sharp drop in Moroccan production was offset by production increases in South Africa and Tunisia.





## Trade:

African wheat imports increased by three per cent in 1981-82 to a total of 16.5 million tonnes. Decreased Egyptian purchases were offset by increased imports by other countries; mainly Algeria, a major importer of durum wheat.

**TABLE 6  
AFRICA**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production:</b>						
Total Africa .....	8.6	8.8	8.7	9.1	+5%	2%
Algeria .....	1.1	1.1	1.5	1.4		
Egypt .....	1.8	1.9	1.8	1.9		
Ethiopia .....	0.6	0.4	0.5	0.5		
Morocco .....	1.7	1.8	1.8	0.9		
South Africa .....	1.8	2.1	1.5	2.3		
Tunisia .....	0.8	0.7	0.9	1.3		
Others .....	0.8	0.8	0.7	0.8		

## Imports:

Total Africa .....	10.3	13.8	16.0	16.5	+3%	17%
Algeria .....	1.5	2.0	1.8	2.3		
Egypt .....	4.2	5.2	6.7	5.9		
Libya .....	0.4	0.4	0.5	0.6		
Morocco .....	1.3	1.7	2.1	2.3		
Tunisia .....	0.5	0.8	0.5	0.7		
Others .....	1.7	2.6	3.1	3.2		

<sup>1</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review of the World Wheat Situation, 1981-82  
Appendix Tables II & III.

## SOUTH AND CENTRAL AMERICA

### Production:

Wheat outturn in South and Central America changed very little from the year before with 1981 production estimated at 11.3 million tonnes. Although this was only four per cent below 1980, it was seven per cent below the previous five-year average.

The drop in total production for the area was due mainly to a smaller Brazilian wheat crop. A reduced area seeded to wheat followed by frost damage in June and July cut Brazilian production.

### Trade:

Argentine wheat exports increased to 4.3 million tonnes in 1981-82, with most going to the Soviet Union. Brazilian wheat imports increased as a result of their smaller crop. Imports for all of South and Central America totaled 10.9 million tonnes, up about six per cent from the year before.

**TABLE 7  
SOUTH AND CENTRAL AMERICA**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production</b>						
Total South & Central America .....	12.0	12.6	11.8	11.3	-4%	2%
Argentina .....	7.8	8.1	7.8	7.9		
Brazil .....	2.5	2.9	2.7	2.2		
Chile .....	1.0	1.0	0.7	0.6		
Others .....	0.7	0.6	0.6	0.6		

### Imports

Total South & Central America .....	8.5	11.4	10.3	10.9	+6%	11%
Brazil .....	3.2	4.7	3.9	4.5		
Chile .....	0.8	0.9	1.1	1.0		
Peru .....	0.7	0.9	0.9	0.9		
Venezuela .....	0.7	0.7	0.8	0.8		
Cuba .....	1.0	1.3	1.1	1.3		
Others .....	2.1	2.9	2.5	2.4		

### Exports:

Argentina .....	3.3	4.7	3.9	4.3	+10%	4%
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<sup>1</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review of the World Wheat Situation, Appendix Tables  
II & III.

## OCEANIA

### Production:

Australia had its second largest wheat crop ever in 1981, with production estimated at about 16.4 million tonnes. This was 50 per cent higher than the 1980 crop which had been hit so hard by drought. A record area was seeded to wheat and good rains arrived in late October and November just in time to avert another crop disaster. Prime hard wheat production reached about 1.1 million tonnes, almost three times the previous year.

### Trade:

Table 8 shows Australian wheat exports, which totaled 11.4 million tonnes, or 300 000 tonnes more than the year before. While this does not appear to be a large increase in view of the larger crop, it should be noted that the Australian wheat crop is harvested in November and December. The statistics shown in Table 8, which are provided by the IWC, are based on a July/June crop year. Australian exports were small in the earlier months before the new crop was harvested. The Soviet Union, Egypt, China, Japan, and India were major markets for Australian wheat in 1981-82.



**TABLE 8**  
**OCEANIA**

	1974-75 to 1978-79	1979-80	1980-81	1981-82 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production</b>						
Australia .....	12.5	16.2	10.9	16.4	+50%	4%
New Zealand .....	0.3	0.3	0.4	0.3	-25%	—
<b>Wheat Trade</b>						
<b>Exports:</b>						
Australia .....	8.6	15.4	11.1	11.4	+3%	11%
<b>Imports:</b>						
New Zealand .....	0.1	0.1	0.1	—	—	—

<sup>1</sup> Preliminary — subject to revision.

Source: IWC World Wheat Statistics, 1982.

IWC Draft Review of the World Wheat Situation, Appendix Tables II & III.

## THE COARSE GRAIN SITUATION

### Production:

World coarse grain production in 1981 was estimated at a record 767 million tonnes, five per cent higher than the 1980 crop. Record crops in North America, especially in the United States, were the main reason for the larger outturn.

U.S. coarse grain production in 1981-82 was estimated at nearly 249 million tonnes, about 25 per cent higher than the drought-reduced crop from the year before. Canadian coarse grain production increased from 21.8 to 26.0 million tonnes. Other countries significantly increasing production were Thailand and Australia. Sharp drops in production were noted in Spain, Argentina, and South Africa. Even though Argentine production was down considerably from the year before, their production in coarse grains was still the second highest on record.

Corn and sorghum were the two grains which accounted for the increase in world coarse grain production. Corn production jumped from 404.5 million tonnes in 1980 to 436.4 million tonnes in 1981. Sorghum production increased from 59.9 million tonnes to 70.3 million tonnes. Much of the increase in production of these two grains occurred in the United States, where corn production was pegged at 208.3 million tonnes and sorghum was estimated at 22.4 million tonnes.

World barley production, however, dropped from 163.3 million tonnes to 156.5 million tonnes. Although barley production increased in Canada and the United

States, sharp drops in production occurred in many of the importing countries, particularly the U.S.S.R.

Rye production dropped about eight per cent from the year before. World oats production remained unchanged.

### Consumption:

World coarse grain consumption was estimated at 732.8 million tonnes in 1981-82, down 8.4 million tonnes from 1980-81. This resulted largely because of a cutback in feed grain use by the Soviet Union, China, and Eastern European countries. Moreover, domestic use in the United States rose only about five million tonnes from the small consumption of 147.3 million tonnes in 1980-81.

World carryover stocks soared to 114 million tonnes, the highest since 1960-61. Almost all of the increase in carryover stocks were in the United States.

### Trade and Prices:

World trade in coarse grains dropped from 105 million tonnes in 1980-81 to 101 million tonnes in 1981-82. This was mainly due to reduced imports by Third World and Eastern European countries.

It is interesting to note that although Soviet coarse grain consumption dropped by 2.9 million tonnes in 1981-82, their imports increased by 7.6 million tonnes to a total of 25.6 million tonnes.

Increased Soviet coarse grain imports were acquired from suppliers other than the United States. Total Canadian coarse grain exports to the Soviet Union increased from 2.6 to 4.2 million tonnes, Australian exports rose from 2.3 to 3.1 million tonnes, and Argentina's exports jumped from 9.9 to 13.5 million tonnes.

As mentioned at the beginning of this section, reduced Soviet demand and increased stocks in the U.S. weighed on corn prices throughout the year. U.S. corn f.o.b. Gulf went from US\$139 per tonne in July, 1981, to US\$94 per tonne in October, 1982.

Barley prices were not quite as hard hit as corn because of Soviet demand and more limited supplies. Just the same, the price of Canadian barley f.o.b. St. Lawrence fell from about US\$142 to US\$99 during the same period.

For further statistics on world coarse grain trade and production, see Tables XIX, XX and XXI of the Statistical Addendum.





**TABLE 9**  
**PRODUCTION OF DURUM BY COUNTRY**

Country	1976	1977	1978 (thousands of tonnes)	1979	1980	1981 <sup>1</sup>
Algeria	1 000	500	650	600	780	750
Argentina	426	300	359	203	201	200
Canada	2 858	1 276	2 852	1 799	1 943	2 819
France	542	264	307	342	427	392
Italy	2 993	1 980	3 472	3 382	3 651	3 247
Morocco	1 598	1 036	1 441	1 307	1 330	611
Syrian Arab Rep.	1 790	1 217	1 651	1 320	2 226	2 000
Turkey	5 175	4 545	4 559	4 500	4 800	4 900
United States	3 672	2 176	3 629	2 903	2 950	5 060
Others	5 546	4 406	5 280	5 544	5 892	5 221
<b>Total World</b>	<b>25 600</b>	<b>17 700</b>	<b>24 200</b>	<b>21 900</b>	<b>24 200</b>	<b>25 200</b>

<sup>1</sup> Subject to revision.

<sup>2</sup> Including estimates for the U.S.S.R. & Other Centrally Planned Countries.

Source: IWC World Wheat Statistics, 1982.

## DURUM WHEAT: PRODUCTION AND TRADE

World durum production reached 25.2 million tonnes in 1981, one of the highest levels on record. The rise in production was primarily due to sharp increases in the United States and Canada, both of which had more acres and increased yields. Canadian farmers seeded 4.2 million acres to durum in 1981 compared to 3.1 million acres in 1980. Yields, at 26 bushels to the acre, were about three bushels higher than the year before. In the United States, durum area rose from 5.7 million acres in 1980 to 5.8 million acres in 1981. Yields went from 22 to 32 bushels per acre.

Increases in durum production in North America were offset somewhat by reduced production in such major importing countries as Morocco and Italy. The steep drop in Moroccan production resulted from a severe drought which limited the crop to about 611 000 tonnes, the smallest since 1966. A two-month drought in Italy cut yields to six per cent below the three-year average.

Durum trade rose from 4.1 million tonnes in 1980-81 to 4.5 million tonnes in 1981-82. Canada and the United States accounted for about 93 per cent of

durum trade. In spite of the record world durum trade, carryover stocks in the U.S. rose 81 per cent to about 2.9 million tonnes.

Durum prices followed red spring wheat prices closely throughout the 1981-82 crop year, fluctuating between periods of discounts and premiums. For further details on price comparisons between durum and red spring wheat, please see Chart III in Part II of this report.

## THE INTERNATIONAL WHEAT AGREEMENT

The sixth extension of the International Wheat Agreement of 1971 continued throughout the entire 1981-82 crop year and will run until June 30, 1983. The Agreement consists of two instruments, the Wheat Trade Convention and the Food Aid Convention. The research and advisory work for the two is carried out by the International Wheat Council, of which Canada is an Executive Committee member.



**TABLE 10**  
**TRADE IN DURUM WHEAT AND WHEAT FLOUR**

Crop Year (July-June)	1976-77	1977-78	1978-79 (thousands of tonnes)	1979-80	1980-81	1981-82 <sup>1</sup>
<b>A. Imports by Areas and Selected Countries Destination:</b>						
Western Europe .....	935	1 808	1 323	1 578	1 550	1 389
EEC .....	793	1 670	1 013	1 282	1 397	1 223
Eastern Europe .....	36	100	107	172	204	121
Poland .....	11	32	31	116	99	14
U.S.S.R. ....	541	308	275	245	492	753
North & Central America .....	116	82	122	196	133	161
South America .....	137	186	210	242	199	348
Asia .....	54	61	51	70	125	72
Africa .....	945	1 296	965	1 607	1 418	1 506
Algeria .....	751	1 022	774	1 190	1 054	1 326
Tunisia .....	67	235	150	401	217	102
World Total (including unspecified) .....	2 785	3 883	3 277	4 221	4 138	4 500
<b>B. Exports by Country:</b>						
Argentina .....	355	248	—	83	140	8
Canada .....	1 332	1 943	1 370	1 590	2 170	1 946
U.S.A. ....	1 055	1 647	1 709	2 228	1 610	2 258
Others .....	43	45	198	320	218	288
World Total .....	2 785	3 883	3 277	4 221	4 138	4 500

Source: IWC World Wheat Statistics 1982 Table 23b for all years except 1981-82.  
IWC Draft Review of the World Wheat Situation 1981-82, Table 6.  
IWC Commercial Sales & Special Transactions Record of Operations CL97/4 Oct. 1, 1982.

### (i) The Wheat Trade Convention

The Wheat Trade Convention of 1971 has three main features. The International Wheat Council continues as a forum for international co-operation and consultation, and as an agency for the collection and dissemination of information on the world wheat situation. Secondly, it provides for continuous review of the world wheat market through the Advisory Sub-Committee on market conditions. The current Agreement contains no price provisions or other commercial obligations for importers or exporters.

### (ii) The Food Aid Convention

Eleven countries and the EEC were members of the Food Aid Convention during 1981-82. Overall commitments by these countries consisted of 7.3 million tonnes (wheat equivalent) and U.S.\$54.9 million in cash. The commitments and performance of the participating countries are shown in Table 11.

**TABLE 11**  
**FOOD AID CONVENTION MEMBERS AND OBLIGATIONS**

Donor Country	Minimum Annual Contribution <sup>1</sup> (tonnes)	Shipments Notified <sup>2</sup>
United States ..	4 470 000	4 791 307
EEC .....	1 650 000	1 547 475
Canada .....	600 000	600 000
Australia .....	400 000	529 519
Sweden .....	40 000	39 389
Switzerland ....	27 000	22 293
Norway .....	30 000	38 876
Argentina .....	35 000	5 000
Finland .....	20 000	20 000
Austria .....	20 000	20 300
Spain .....	20 000	22 247
Total .....	7 312 000	7 636 406
Japan .....	U.S.\$54,900,000 <sup>3</sup>	\$56,275,185

<sup>1</sup> As listed in Article III, Paragraph (3) of the Food Aid Convention 1980.

<sup>2</sup> Position as at June 30, 1982.

<sup>3</sup> Cash Contribution equals 300 000 tonnes wheat equivalent at the "Prevailing Market Price" for wheat in 1981-82 is U.S.\$183.00 per tonne.

Source: Food Aid Committee, Draft Report on the Performance of Members in 1981-82 (FA 44/5 Tables 1 & 3,) November 8, 1982.





# PART II

## SALES AND PRICING OF CANADIAN GRAIN

### INTRODUCTION

Even before the 1981 harvest began, it became clear that Prairie farmers would have record crops. This made increased sales both possible and essential to offset lower prices. The Board sold aggressively and, in late September, announced an export target of 26 million tonnes for Prairie grain, oilseeds, and their products. This figure was almost 13 per cent higher than the previous record set in 1979-80. Many felt that level could neither be sold nor moved. But by the end of the crop year, exports had reached 27 million tonnes, a full one million over target. The factors allowing the handling and transportation system to move that level are outlined in Part III of this report.

Fortunately, the large increase in exports did partly offset a sharp decline in prices from the previous year. The total value of Wheat Board sales for the year was \$5.1 billion, compared to \$5.6 billion in 1980-81. Had sales volume not increased, the farm income picture in Western Canada would have been very bleak.

At the end of the crop year, carryover of wheat, oats, and barley was slightly higher than the level of the previous year, but still low given the record crop and in comparison to carryovers in other years.

### WHEAT AND WHEAT PRODUCTS

Exports of Canadian wheat, durum wheat, and wheat flour totaled about 18.5 million tonnes in 1981-82. This was an increase of almost 2.2 million tonnes over the previous year.

Major markets for Canadian wheat are listed in Table 13. (A more detailed list of exports of Canadian wheat and products is given in Table XII in the Addendum.) Slight reductions in exports to Japan, Algeria, and Italy were more than offset by significantly higher exports to the Soviet Union, Poland, and other importers.

As a result of the high grade pattern and protein content of the 1981 crop, very adequate quantities of high-protein wheat were available for Canadian wheat customers. Significant quantities of 14.5% protein were sold, particularly to the United Kingdom. However, the wheat carryover was up slightly over levels of the previous year, although still lower than the average level of recent years.

**TABLE 12**  
**SUPPLY AND DISPOSITION OF CANADIAN**  
**WHEAT, OATS AND BARLEY**

	Wheat (including Durum)		Oats		Barley	
	1980-81	1981-82 <sup>1</sup>	1980-81 (thousands of tonnes)	1981-82 <sup>1</sup>	1980-81	1981-82 <sup>1</sup>
<b>Inward Carryover — August 1</b>						
— On farms	4 273	1 645	702	610	1 100	1 140
— In commercial facilities	6 448	6 925	189	150	906	2 063
Production	19 292	24 803	2 911	3 188	11 394	13 724
Total Supplies	30 013	33 373	3 802	3 948	13 400	16 927
<b>On Farm Use</b>	2 672	2 865	2 611	2 655	4 899	5 340
Commercial Use in Canada	2 509	2 322	385	387	1 748	1 415
Exports*	16 262	18 447	46	51	3 550	6 011
Total Use	21 443	23 614	3 042	3 093	10 197	12 766
Outward Carryover — July 31	8 570	9 759	760	855	3 203	4 161

<sup>1</sup> Subject to revision.  
\* Includes products in grain equivalent.



**TABLE 13**  
**CANADIAN WHEAT<sup>1</sup> (INCLUDING DURUM) AND**  
**WHEAT FLOUR EXPORTS TO MAJOR MARKETS**

	1981-82	1980-81 (thousands of tonnes)	1979-80
U.S.S.R.	5 019	4 219	2 579
China	3 101	2 879	2 516
Poland	1 674	1 091	1 487
Japan	1 367	1 382	1 336
U.K.	1 366	1 409	1 361
Brazil	1 316	1 284	1 270
Cuba	1 054	982	1 337
Algeria	595	665	606
Italy	515	767	723
Others	2 440	1 584	2 673
<b>TOTAL</b>	<b>18 447</b>	<b>16 262</b>	<b>15 888</b>

<sup>1</sup> Others and Total include Bagged Seed exports.  
Source: Canadian Grain Commission 1980-81.  
Previous Years — Statistics Canada.

### EXPORT WHEAT PRICES

The slide in grain prices that began in the 1980-81 crop year continued throughout 1981-82. The price of No. 1 CWRs, 13.5%, f.o.b. St. Lawrence, fell from about \$248 a tonne at the beginning of the crop year to \$212 a tonne when the pools closed at the end of October, 1982.

The main reasons for this decline are outlined in Part I of this report. They included record world crops, the large stock increase in the United States, uncertainty over Soviet purchases of U.S. grain given the possibility of another grain embargo, and generally poor economic conditions around the world.

### DURUM WHEAT

Exports of Canadian durum wheat in 1981-82 totaled more than 2.3 million tonnes, an increase of 11 per cent over the previous year.

Exports to most markets were increased from levels of the previous year, with the exception of Algeria and Italy. Shipments of durum to the Soviet Union increased substantially. As a result, durum carryover at the end of July was down slightly.

**TABLE 14**  
**CANADIAN DURUM EXPORTS TO MAJOR**  
**MARKETS**

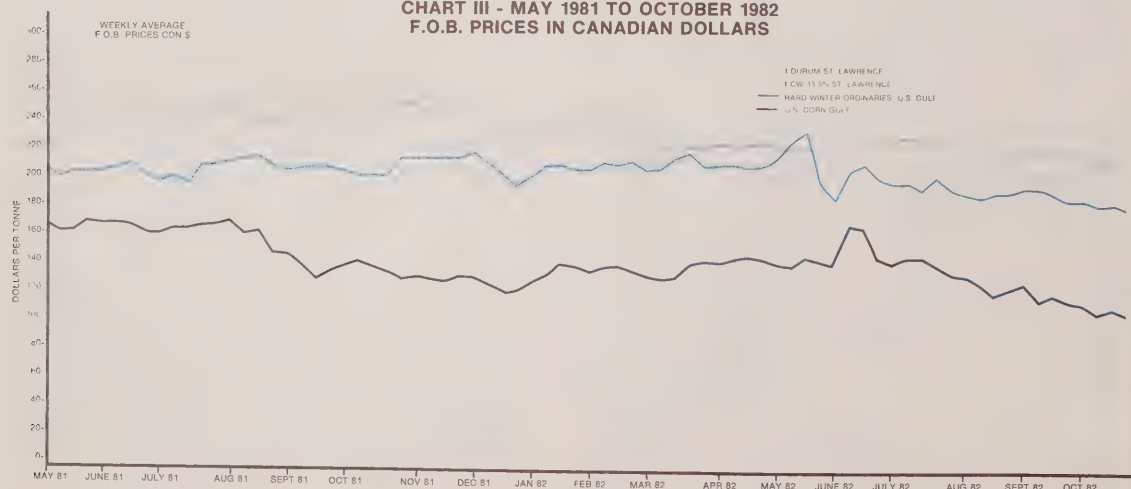
	1981-82	1980-81 (thousands of tonnes)	1979-80
U.S.S.R.	860	496	254
Algeria	590	654	595
Italy	423	526	628
Poland	112	93	255
France	88	12	—
Libya	52	24	10
Cuba	48	34	25
Others	137	236	181
<b>TOTAL</b>	<b>2 310</b>	<b>2 075</b>	<b>1 948</b>

Source: Canadian Grain Commission 1980-81.  
Previous Years — Statistics Canada.

### DURUM WHEAT PRICES

Chart III shows the movement of durum prices over the course of the 1981-82 crop year. In contrast to the previous crop year, which saw sharp fluctuations in durum prices as compared to spring wheats, 1981-

**CHART III - MAY 1981 TO OCTOBER 1982**  
**F.O.B. PRICES IN CANADIAN DOLLARS**





82 prices were more stable. As shown in the chart, the price for No. 1 Amber Durum, f.o.b. St. Lawrence, closely followed the path of No. 1 CWRS. While there was strong demand for Canadian durum during the year, carryover stocks increased in the U.S., and this tended to keep prices at a discount to other spring wheats.

### BARLEY AND BARLEY PRODUCTS

Exports of Canadian barley and products (mainly malt) showed the most dramatic increase in 1981-82. They totaled 6.0 million tonnes, a 69 per cent increase in exports over the previous year, and one million tonnes more than the previous record set in 1971-72.

World trade in barley in 1981-82 increased by 3.4 million tonnes to about 16.0 million tonnes. Higher Canadian exports accounted for most of that increase. As shown in Table 15, Canada increased its exports to all major markets except Cuba. Also, the larger supplies available from the 1981 crop allowed sales to some new customers and to others that had been only intermittent buyers in the past. The Board's Accredited Exporters played an important role in the year's exports, making sales of about one million tonnes to overseas customers.

Canadian barley exports in the previous two crop years had been restricted by a shortage of supply. The bumper crop in 1981 allowed the Board to take full advantage of market possibilities, and the smooth operation of the transportation system allowed sales commitments to be executed successfully. One of the keys to the large exports was an early push on export sales. In the previous two years, carryovers were low and heavy shipments couldn't start until new crop grain arrived in volume at terminals. Despite a lag in farm deliveries toward the end of 1980-81, Board estimates indicated a good crop and thus large sales were made for shipment from August through October. As producers realized there would be a bumper crop in 1982, barley deliveries came forward and exports were able to reach almost 1.5 million tonnes by the end of October.

There was a sharp drop in barley prices during the year. As the crop year began, feed barley was trading at a premium to corn on the world market. But that premium disappeared, and Canadian barley, which had been running around Cdn\$170.00 f.o.b. St. Lawrence at the beginning of the crop year, fell as low as \$120.00 by October of 1982.

**TABLE 15**  
**CANADIAN BARLEY EXPORTS TO MAJOR**  
**MARKETS**

	1981-82	1980-81 (thousands of tonnes)	1979-80
U.S.S.R.	2 780	1 573	872
Japan	914	804	789
Italy	417	344	581
Spain	235	—	—
Israel	209	124	239
United States	202	111	138
Colombia	86	48	91
Cuba	53	60	47
Others	826	172	1 074
TOTAL BARLEY	5 722	3 236	3 831
TOTAL MALT	289	313	316
TOTAL	6 011	3 549	4 147

Source: Canadian Grain Commission 1980-81.  
Previous Years — Statistics Canada.

### OATS

Exports of oats (including products) in 1981-82, at 51 000 tonnes, were slightly higher than exports in the previous year. This figure reflects the continued low demand for oats on the world market.

However, the higher quality of the 1981 crop allowed producers to better meet the demand for milling oats in Canada. A separate pool account for high-quality oats came into effect at the beginning of the 1981-82 crop year. Although a quantity of unsold stocks prevented the regular oats pool from being closed until January 31, 1983, the designated pool was closed with the other accounts at the end of October, 1981, and final payments were made to producers.

### DOMESTIC FEED GRAIN POLICY

The federal government's Domestic Feed Grain Policy was modified somewhat in the 1981-82 crop year. Under this policy, the Wheat Board is required to supply feed grains to the domestic market, if demanded, at prices established by a corn-competitive formula. Often, these corn-competitive prices have been below export prices, and have served as a ceiling on domestic feed grain prices. The changes announced by the federal government, to be in effect from the opening to the close of navigation on the Great Lakes in 1982, provided for reimbursement of losses up to \$8 million against the difference between the Board's domestic and export sales prices. Also, No. 3 CWRS and No. 1 Canada Utility wheat were removed from the corn-competitive pricing system.





**TABLE 16**  
**COMMERCIAL DISAPPEARANCE OF CANADIAN**  
**DOMESTIC FEED GRAINS**

Crop Year	CWB Sales	Estimated Sales By Grain Trade (thousands of tonnes)	Total Estimated Sales
1981-82	701.4	732.7	1 434.1
1980-81	396.8	1 853.1	2 249.9
1979-80	489.5	2 224.0	2 713.5
1978-79	146.0	2 589.7	2 735.7
1977-78	374.8	1 845.2	2 220.0

### DOMESTIC WHEAT PRICES

Under the federal government's domestic food wheat pricing policy, domestic prices paid by millers must fall within a price range established by the government. If export prices fall below or rise above the established range, domestic millers are required to pay the minimum or the maximum, respectively. In the 1981-82 crop year, this price range was unchanged at a minimum price of \$183.72 per tonne (\$5.00 per bushel) and a maximum price of \$257.21 per tonne (\$7.00 per bushel), based on No. 1 CWRS, 13.5% protein, instore Thunder Bay. The minimum price established for durum wheat, based on No. 1 CWAD at Thunder Bay, was also \$183.72. A maximum price was not established for durum wheat.

Export prices were above the minimum and below the maximum domestic price throughout 1981-82. This was the first year in three years that export prices consistently remained within the established range, and thus no subsidy, either to the producer or the consumer, was incurred.

### CREDIT SALES

The Board made credit sales of 3.7 million tonnes of wheat, oats, and barley in 1981-82. This compares with 4.7 million tonnes the previous year. All sales were made under unsubsidized commercial terms, which involves credit for up to three years, financed by the Board but guaranteed by the federal govern-

ment. The largest credit customer was Poland with almost 1.7 million tonnes of wheat and oats. It was followed by shipments of 1.2 million tonnes of wheat to Brazil, 209 110 tonnes of barley to Israel, 31 024 tonnes of wheat to Jamaica, 26 514 tonnes of wheat to China, and 6 300 tonnes of wheat to Haiti.

There were no shipments under long-term credit from the Export Development Corporation during the year.

**TABLE 17**  
**CANADIAN GRAIN EXPORTS UNDER CREDIT**  
**1976-77 TO 1981-82**

	Export Develop- ment Act	Canadian Wheat Board	Total Medium- Term Credit (million tonnes)	Long- Term Credit	Credit Total
1976-77	0.1	3.9	4.0	0.3	4.3
1977-78	0.1	6.0	6.1	0.1	6.2
1978-79	—	4.3	4.3	—	4.3
1979-80	—	5.4	5.4	—	5.4
1980-81	—	4.2	4.2	—	4.2
1981-82	—	3.7	3.7	—	3.7

### FOOD AID PROGRAMS

Export shipments of wheat and wheat flour under Canada's food aid programs totaled 729 548 tonnes in 1981-82. This compared with 375 014 tonnes shipped the year before when increased grain prices and ocean freight rates caused a reduction in the volume of grain shipped. Canada's commitments for food aid are on a monetary rather than quantity basis. The decline in grain prices and ocean freight rates, as well as a higher proportion of bulk rather than processed grain, accounted for the increase in tonnage during the year.

Bangladesh was again the largest recipient of Canadian aid, receiving grain through both the UN World Food Program and the Canadian International Food Aid Program. Table 18 shows a list of recipients during the year.



**TABLE 18**  
**CANADIAN FOOD AID SHIPMENTS, 1981-82**

Country	Canadian International Food Aid Program (Wheat and Flour)	Barley (tonnes)	World Food Program (Wheat and Flour)	Total
Bangladesh	175 285	—	87 570	262 855
Pakistan	10 975	—	43 534	54 509
Bangladesh/India*	—	—	75 775	75 775
Ethiopia	25 995	—	15 977	41 972
Egypt	—	—	35 880	35 880
Sri Lanka	21 100	—	—	21 100
Sudan	20 258	—	—	20 258
Somalia	6 550	—	12 144	18 694
Nicaragua	17 675	—	—	17 675
China	17 081	—	—	17 081
Kenya	9 580	—	6 377	15 957
India	—	—	15 649	15 649
Mozambique	15 620	—	—	15 620
Morocco	5 430	4 000	10 000	19 430
Tanzania	12 785	—	—	12 785
Tunisia	—	—	10 200	10 200
Jordan	—	—	9 536	9 536
Senegal	8 681	—	—	8 681
Peru	7 900	—	—	7 900
Upper Volta	6 886	—	—	6 886
Algeria	—	—	5 158	5 158
Cyprus	—	—	4 362	4 362
Colombia	—	—	2 663	2 663
Rwanda	2 650	—	—	2 650
Bolivia	—	—	2 567	2 567
Brazil	—	—	2 056	2 056
Niger	1 800	—	—	1 800
Guinea	—	—	1 076	1 076
Nepal	—	—	355	355
St. Lucia	—	—	331	331
Costa Rica	—	—	304	304
St. Kitts	—	—	110	110
Barbados	—	—	104	104
Antigua	—	—	90	90
	<u>366 251</u>	<u>4 000</u>	<u>341 818</u>	<u>712 069</u>
MCC <sup>1</sup> (Bangladesh — 1 000, Ethiopia — 2 000, Ivory Coast — 618)				3 618
UNICEF (Ethiopia)				620
UNRWA <sup>2</sup>				13 241
<b>GRAND TOTAL</b>				<b>729,548</b>

\* Bangladesh shipments re-directed to India.

<sup>1</sup> Mennonite Central Committee.

<sup>2</sup> United Nations Relief and Works Agency.

# PART III THE SUPPLY AND TRANSPORTATION OF CANADIAN GRAIN



## INTRODUCTION

The 1981-82 crop year was the one in which both Prairie farmers and their marketing and transportation system showed what they can do. Prairie farmers grew a record crop, and by the end of the crop year, Prairie grain exports had reached 27 million tonnes, 15 per cent over the previous record set in 1979-80.

The main ingredient in the transportation success was capacity. The previous three years had seen the addition of 6,000 new hopper cars to the grain fleet, bringing the total hopper fleet to 14,000. West Coast terminal capacity had been expanded by 50 per cent, and there had been continued improvements to handling facilities at Thunder Bay and east. The general downturn in the economy reduced the shipments of other commodities such as potash and sulphur, and more railway-owned cars and mainline capacity were available for grain. At some times, over 3,500 cars were added by the railways to the grain service. Also, more lake freight was available for Canadian grain

due in part to reduced shipments of other commodities and in part to the long-term freight contracts between the Wheat Board and some lake vessel companies.

The new export record was not achieved without problems. Thunder Bay shipments were hampered by a labour-management dispute early in the crop year, culminating in a two-week work stoppage in September, and by a somewhat late opening of the navigation season on April 5th. Snowslides in the mountains and severe weather in January and February slowed shipments to the West Coast. However, by the end of the crop year, records had been set in both the eastern and western port areas.

## THE CROP: DEVELOPMENT, SIZE, AND QUALITY

Prairie farmers produced their biggest crop ever in 1981, harvesting a total of 42 million tonnes. This was 3 547 000 tonnes more than the 1976-77 high of 38 453 000, and almost eight million tonnes more than the previous year.

TABLE 19  
1981 PRAIRIE YIELDS & PRODUCTION

	ALBERTA				SASKATCHEWAN			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80
Wheat	34.1	28.4	6.2	3.7	27.1	25.5	14.3	11.0
Barley	49.6	43.5	7.0	5.0	41.4	40.0	3.3	3.3
Oats	62.3	55.7	1.2	1.4	48.2	48.3	.8	1.1
Rye	42.0	26.9	.3	.1	26.0	21.6	.3	.2
Flaxseed	22.0	16.1	.1	.1	16.9	14.3	.2	.2
Rapeseed	23.1	19.0	.8	.8	24.4	19.6	.7	.9
TOTAL*	N/A	N/A	15.6	11.1	N/A	N/A	19.6	16.7

	MANITOBA				TOTAL PRAIRIES			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80	1981	10-Year Average 1971-80
Wheat	31.3	26.3	3.3	2.2	29.2	26.2	23.8	16.9
Barley	45.5	40.5	2.3	1.6	46.4	41.9	12.6	9.9
Oats	50.0	47.6	.5	.8	54.7	51.2	2.5	3.3
Rye	36.3	26.0	.2	.1	32.8	24.2	.8	.4
Flaxseed	14.7	12.6	.3	.2	16.0	13.7	.5	.5
Rapeseed	22.5	19.4	.3	.3	23.5	19.3	1.8	2.0
TOTAL*	N/A	N/A	6.9	5.2	N/A	N/A	42.0	33.0

\* Production totals may not add up due to rounding.  
Source: Statistics Canada.





In contrast to the previous year, when a severe spring drought reduced yields across most of the Prairies, growing conditions were almost ideal in 1981. Following a mild winter, with little snow, farmers were on the land by the end of April. There was little rainfall during seeding, which was virtually complete by the end of May.

Spring wheat acreage increased by 3.3 million acres from 1980. Durum sowings, at 4.2 million acres, were up sharply from 3.1 million acres in 1980. Barley area increased by 1.8 million acres. The increases came from summerfallow, which was down almost two million acres from 1980, and from oilseeds, of which seedings were down 1.9 million acres from 1980.

Most areas of the Prairies received sufficient precipitation for good germination and growth, although extremely warm, windy weather was experienced in

many districts in July. In the Peace River district and south-central Saskatchewan dry conditions persisted and resulted in reduced yields.

Above normal temperatures in August, and little rainfall, allowed for an early harvest in most areas. Some grain was swathed before the end of July, and the Prairie harvest was virtually complete by the third week in September.

Production was high in all three Prairie provinces, and records were achieved in Manitoba and Alberta, with 6.9 and 15.6 million tonnes respectively. The out-turn in Saskatchewan was reduced by the dry conditions in the south-central district, but with 19.6 million tonnes harvested, production was well above average. Table 19 shows the Prairie yields and production, as well as the ten-year averages for comparison.

The quality of the crop was also above average, with 83 per cent of spring wheat crop grading 1 or 2 CW, compared with 50 per cent in the 1980-81 crop year. Table 20 shows this year's estimated grade distribution. Protein content of the 1981 wheat crop was high, averaging 13.9 per cent, compared with the ten-year average of 13.25 per cent.

**TABLE 20**  
**ESTIMATED GRADE DISTRIBUTION**  
**(Per cent of Production)**

	1980	1981
<b>Wheat Grades</b>		
1 CW Red Spring	19%	47%
2 CW Red Spring	31	36
3 CW Red Spring	42	15
1 Canada Utility	1.5	0.5
2 Canada Utility	1	0.5
3 Canada Utility/ Canada Feed	5.5	1
<b>Barley Grades</b>		
1 & 2 CW Six-Row	3	6
1 & 2 CW Two-Row	4	8
1 Feed	74	83
2 Feed	14	3
3 Feed & Others	5	—
<b>Durum Grades</b>		
1 CW Amber Durum	17	27
2 CW Amber Durum	29	34
3 CW Amber Durum	38	24
4 CW Amber Durum	16	11
5 CW Amber Durum	—	4
<b>Oats Grades</b>		
1 CW	—	3
2 CW	1	—
Extra 1 Feed	3	5
1 Feed	81	85
2 Feed & Lower	15	7

### PRODUCER DELIVERIES

During the 1981-82 crop year, producers delivered a record 30 663 400 tonnes of the six major grains, over two million tonnes greater than the previous record of 28 482 800 in the 1979-80 crop year. Chart IV shows producer deliveries by grain.

Unusually heavy deliveries at the end of the 1980-81 crop year reduced some of the early delivery opportunities for the 1981 crop, and elevator space averaged only 22 per cent of working capacity as the crop year began. Available space dropped even lower on both the CN and CP blocks in September, due to the early harvest and the two-week work stoppage at Thunder Bay terminals. Once the dispute had been settled, terminal unload performance was excellent, and empty cars were routed back into the country to free up elevator space for producer deliveries.

Deliveries were steady into May, although slowed by bad weather in January. In June, after seeding was virtually complete, farmers took advantage of ample elevator space across the Prairies, and deliveries rose sharply. Deliveries for the last two months of the crop year averaged over a million tonnes per week.



**TABLE 21**  
**SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1982**

	Quota Name	Kilograms/ Quota Acre	Bushels/ Quota Acre	Grades	Area
Hard Red Spring Wheat	A	80	2.9	All	All
	B*	550	20.2	Can. Feed	All
	C	80	2.9	All	All
	D	80	2.9	All	All
	E	80	2.9	All	All
	F*	550	20.2	3 CW and lower	All
	G	40	1.5	All	All
Durum	A	80	2.9	All	All
	B	80	2.9	All	All
	C	80	2.9	All	All
	D	80	2.9	All	All
	E	80	2.9	All	All
	F	135	5.0	All	All
	G	275	10.1	All	All
Utility Types of Wheat	A	80	2.9	All	All
	B	550	20.2	All	All
	C	550	20.2	All	All
Red Winter Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	150	5.5	All	All
	D	150	5.5	All	All
	E	300	11.0	All	All
	F	550	20.2	All	All
Soft White Spring Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	300	11.0	All	All
	D	300	11.0	All	All
	E	550	20.2	All	All
Oats	A	125	8.2	All	All
	B	250	16.2	All	All
	C	400	25.9	All	All
	D	150	9.7	All	All
	E	150	9.7	All	All
Barley	A	110	5.0	All	All
	B	100	4.6	All	All
	C	100	4.6	All	All
	D	100	4.6	All	All
	E	110	5.0	All	All
Rye		1 270	50	All	All
Flax		890	35	All	All
Rapeseed		1 180	52	All	All

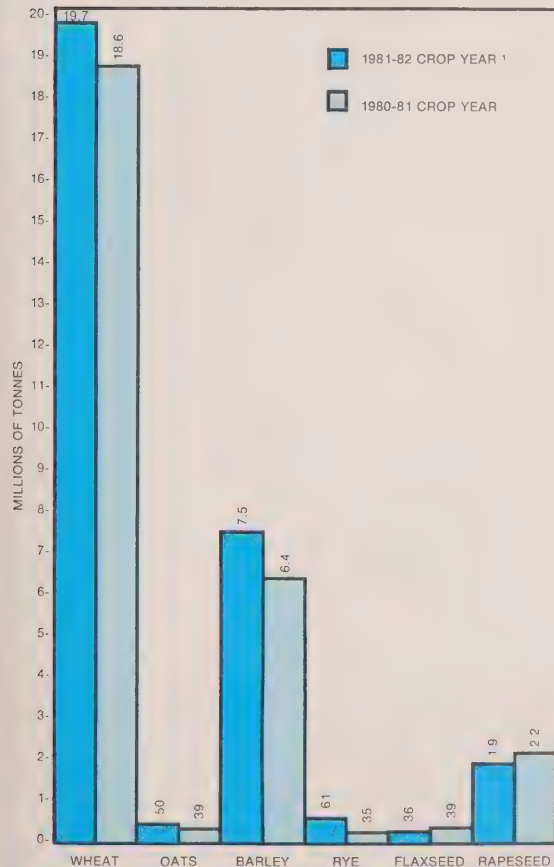
\* Supplementary Quota.



Because of the exceptionally high proportion of the wheat crop grading Nos. 1 and 2 Canada Western Red Spring Wheat, the amount of No. 3 CW and lower quality wheat was limited. To ensure supplies, the Board established two supplementary quotas of 550 kilograms (20.2 bushels) per quota acre each for Canada Feed wheat only and for No. 3 CW and lower wheat. The final general quota opened for red spring wheat was held to a relatively low 50 kilograms (1.5 bushels) per quota acre.

While the overall carryover was not high by historical standards, some farmers would have liked to deliver more grain, especially when it became clear that there would be another bumper crop in 1982.

**CHART IV -  
PRODUCER DELIVERIES BY GRAIN**



<sup>1</sup>Preliminary - Subject to Revision  
Source: Statistics Canada & Canadian Grain Commission

On a cumulative basis, general quotas for red spring wheat totaled 360 kilograms (13.1 bushels) per quota acre, plus the two supplementary quotas previously mentioned. Durum quotas totaled 810 kilograms (29.6 bushels) per acre, utility wheat 810 kilograms (29.6 bushels), red winter wheat and soft white spring wheat 1420 kilograms (52.2 bushels), oats 1075 kilograms (69.7 bushels), and barley 520 kilograms (23.8 bushels) per quota acre. The quotas for off-Board feed grain reached 1035 kilograms (38 bushels) per quota acre for wheat, 1110 kilograms (72 bushels) for oats, and 750 kilograms (34.5 bushels) for barley. Elevator quotas for non-Board grains reached 1270 kilograms (50 bushels) per quota acre for rye, 890 kilograms (35 bushels) for flaxseed, and 1180 kilograms (52 bushels) for rapeseed. Table 21 shows a summary of the crop year quotas.

### CARRYOVER

Despite record exports in 1981-82, carryover still increased from the previous year. Carryover stocks of all grains were 15 654 000 tonnes by the end of July, 1982. Most of this was made up of Nos. 1 and 2 CW Red Spring Wheat and barley. Still, carryover was well below the previous five-year average of 18 010 tonnes. As shown in Table 22 and Table 23, the majority of stocks were in commercial elevator facilities ready for early export in the new crop year.

### COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments totaled 30.4 million tonnes in the 1981-82 crop year, exceeding the old record of 27.6 million set in 1979-80. As shown in Table 24, country elevator shipments from all three Prairie provinces were up from the previous year.

### PORT AREAS

Record exports of 27 329 000 tonnes of Canadian bulk grain and oilseeds (including corn) were achieved in the 1981-82 crop year. High export levels were made possible by the record performances of West Coast ports and Thunder Bay. Ship arrivals were steady at all ports and vessel lineups were seldom a problem. Virtually every individual shipping or export record was broken several weeks before year-end.

Monthly and total export clearances of all grain and oilseeds by port area are shown in Table 25.





**TABLE 22**  
**STOCKS ON FARMS IN PRAIRIE PROVINCES AS AT JULY 31 FOR YEARS 1977 TO 1982**

Grain	1977	1978	1979 (thousands of tonnes)	1980	1981	1982 <sup>1</sup>
Wheat*	7 078	4 899	8 818	4 137	1 525	3 510
Oats	848	1 003	848	478	430	520
Barley	1 045	2 876	3 047	958	960	1 790
Rye	53	64	254	127	53	99
Flaxseed	25	104	147	147	56	41
Rapeseed	25	34	247	333	397	71
TOTAL	9 074	8 980	13 361	6 180	3 421	6 031

\* Includes Durum Wheat.  
<sup>1</sup> Subject to revision.  
Source: Statistics Canada.

**TABLE 23**  
**STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN**  
**AS AT JULY 31 FOR YEARS 1977 TO 1982**

Grain	1977	1978	1979 (thousands of tonnes)	1980	1981	1982 <sup>1</sup>
Wheat *	6 160	7 108	5 957	6 448	6 927	6 154
Oats	295	472	417	189	150	215
Barley	2 086	2 095	1 695	906	2 063	2 181
Rye	289	212	248	279	169	231
Flaxseed	186	367	244	440	288	221
Rapeseed	174	291	819	1 137	924	621
TOTAL	9 190	10 545	9 380	9 399	10 521	9 623

\* Includes durum wheat.  
<sup>1</sup> Subject to revision.  
Source: Canadian Grain Commission.

**TABLE 24**  
**COUNTRY ELEVATOR SHIPMENTS**  
**(thousands of tonnes)**

Grain	1981-82				1980-81			
	Man.	Sask.	Alta. <sup>1</sup>	Total	Man.	Sask.	Alta. <sup>1</sup>	Total
Wheat	2 644	10 098	4 901	17 643	1 851	9 299	4 838	15 988
Durum	167	2 090	381	2 638	100	2 031	369	2 500
Oats	78	102	285	465	38	84	284	406
Barley	1 432	2 158	3 869	7 459	796	1 659	3 285	5 740
Rye	121	201	185	507	84	183	183	450
Flaxseed	204	134	55	393	282	157	57	496
Rapeseed	182	552	551	1 285	205	476	599	1 280
Total	4 828	15 335	10 227	30 390	3356	13 889	9 615	26 860

<sup>1</sup> Includes British Columbia.  
Source: Canadian Grain Commission.

## WEST COAST SHIPMENTS

Exports from the West Coast reached a record 11 624 995 tonnes. Sales of this level were possible due to increased terminal capacity which, over the previous four years, had been expanded by 50 per cent.

The 1981-82 West Coast export program began at a fast pace, with record monthly clearances for the

first five months of the year. This pace slowed in the first part of January, as heavy snowfalls and mild weather caused at least six major slides near Skeena, B.C., shutting down the CN mainline into Prince Rupert for over a week. Rail lines to the West Coast were hit with snowslides in January and February, delaying shipments to the ports for several days at a time. Shipments were also hampered by periods of cold weather, which cut some train lengths in half.



**TABLE 25**  
**OVERSEAS EXPORTS<sup>1</sup> OF CANADIAN GRAIN BY PORT AREA 1981-82 and 1980-81**  
**(1980-81 Exports shown in italics)**

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Total
	(thousands of tonnes)												
West Coast .....	925	983	956	929	812	826	1 096	1 048	1 119	1 123	981	11 624	
	<i>787</i>	<i>669</i>	<i>817</i>	<i>755</i>	<i>580</i>	<i>884</i>	<i>758</i>	<i>807</i>	<i>995</i>	<i>822</i>	<i>947</i>	<i>725</i>	<i>9 546</i>
Churchill .....	148	188	103	—	—	—	—	—	—	—	—	—	439
	<i>52</i>	<i>118</i>	<i>95</i>	<i>25</i>	—	—	—	—	—	—	—	—	<i>290</i>
Thunder Bay .....	26	35	258	204	27	—	—	31	204	97	75	957	
	<i>95</i>	<i>15</i>	<i>216</i>	<i>159</i>	<i>11</i>	—	—	<i>59</i>	<i>103</i>	<i>67</i>	<i>84</i>	<i>809</i>	
St. Lawrence <sup>2</sup> .....	880	1 068	1 090	2 029	1 098	278	377	446	979	1 767	1 812	1 363	13 187
	<i>1 129</i>	<i>1 276</i>	<i>1 261</i>	<i>926</i>	<i>761</i>	<i>150</i>	<i>153</i>	<i>209</i>	<i>416</i>	<i>1 326</i>	<i>1 128</i>	<i>921</i>	<i>9 656</i>
Atlantic .....	—	31	21	27	29	168	138	219	140	60	29	—	862
	—	<i>28</i>	<i>3</i>	—	<i>72</i>	<i>130</i>	<i>274</i>	<i>143</i>	<i>42</i>	<i>38</i>	—	—	<i>730</i>
Total .....	1 979	2 305	2 428	3 189	1 966	1 272	1 341	1 761	2 198	3 150	3 061	2 419	27 069
	<i>2 063</i>	<i>2 106</i>	<i>2 392</i>	<i>1 865</i>	<i>1 424</i>	<i>1 164</i>	<i>1 185</i>	<i>1 159</i>	<i>1 512</i>	<i>2 289</i>	<i>2 142</i>	<i>1 730</i>	<i>21 031</i>
Exports to U.S.A. ....	3	6	8	26	21	25	16	13	29	41	39	33	260
	<i>6</i>	<i>10</i>	<i>6</i>	<i>7</i>	<i>13</i>	<i>11</i>	<i>15</i>	<i>18</i>	<i>26</i>	<i>17</i>	<i>15</i>	<i>10</i>	<i>154</i>
Grand Total .....	1 982	2 311	2 436	3 215	1 987	1 297	1 357	1 774	2 227	3 191	3 100	2 452	27 329
	<i>2 069</i>	<i>2 116</i>	<i>2 398</i>	<i>1 872</i>	<i>1 437</i>	<i>1 175</i>	<i>1 200</i>	<i>1 177</i>	<i>1 538</i>	<i>2 306</i>	<i>2 157</i>	<i>1 740</i>	<i>21 185</i>

<sup>1</sup> 1981-82 Includes corn exports — 1980-81 does not include 1 051 thousand tonnes of corn exports.

<sup>2</sup> Includes exports direct from Bay ports.

Source: Canadian Grain Commission "Canadian Grain Exports".

Rail car unloads at the coast picked up in February, when vessel loadings reached 826 077 tonnes, the highest for that month since 1972-73. Export clearances increased in the following months, and West Coast exports broke the all-time crop year record for that area, 9.547 million tonnes, in June, with over eight weeks to go in the crop year.

Table 26 provides a breakdown of West Coast exports.

**TABLE 26**  
**WEST COAST EXPORTS 1981-82**

	Number of Vessels	Exports (thousand tonnes)
Prince Rupert		
Wheat	60	1 252
Oilseeds	9	35
Vancouver		
Wheat	241	5 906
Barley	126	2 947
Oilseeds	84	1 356
Rye	19	130
Total	539	11 626

#### THUNDER BAY AND ST. LAWRENCE

In 1981-82, a record 14 144 931 tonnes of grain cleared for overseas export through Thunder Bay and St. Lawrence ports. This was over three million tonnes more than the previous high of 11 111 336 tonnes cleared in 1979-80.

An overtime ban by Thunder Bay terminal workers starting in June 1981 finally resulted in a two-week work stoppage beginning in September. Unloads picked up dramatically in late October, and the strong pace was maintained until near the end of the shipping season. The last vessel of the 1981 navigation season cleared Thunder Bay on December 29th.

A severe winter, with unusually heavy ice buildups in March, delayed the opening of the St. Lawrence Seaway until April 5th. The first vessel of the 1982 navigation season was unable to reach Thunder Bay until April 12th, about three weeks later than some previous years, and shipments did not gain real momentum until later in the month. Rail car unload rates increased throughout the remainder of the crop year. June and July saw excellent weekly unloads of 8,000 cars or more. Although these unloads were not as numerically high as records set in 1972-73, tonnage records were set because of the high proportion of hopper cars now in the fleet.

The 1981-82 winter rail program from Thunder Bay to the St. Lawrence ports was the largest the Canadian Wheat Board had ever undertaken. Over 1.4 million tonnes of Prairie grain was moved on 169 unit trains, destined mainly for the ports of Quebec and Montreal. This was a 72 per cent increase over the previous high of 811 000 tonnes set last crop year. This movement was originally planned at 1.2 million tonnes, but another 200 000 tonnes were added to help offset the late opening of navigation.



The Algowest, shown on the cover of this report, was the first of five lake vessels to be built subsequent to long-term tonnage contracts between the Wheat Board and three lake vessel companies. She was launched in April, and took on her first cargo at Thunder Bay in July of 1982. The addition of these vessels will help assure capacity for Western Canadian grain shipments through the Great Lakes and St. Lawrence.

## CHURCHILL

Bulk grain exports totaled 438 390 tonnes from the port of Churchill during the 1981 shipping season. The season began on August 6th when the vessel Studzianki arrived in port to load 32 000 tonnes of wheat for Poland, and ended October 22nd with a shipment of barley for Western Europe.

The 1981 program was 51 per cent bigger than the previous year, when there was a shortage of exportable grain supplies in the spring and summer. Supplies were also limited when rail shipments began for the 1981 season, but producer deliveries picked up at the end of the 1980-81 crop year and made it possible to increase the Churchill program substantially.

Of the 16 vessels loaded at Churchill in 1981, nine carried wheat to Poland, four carried barley to the U.S.S.R., two carried barley to Western European countries, and one carried a cargo of pellets to Liv-

erpool and Rotterdam. In total, 294 000 tonnes of wheat and 144 390 tonnes of barley were shipped during the 1981 season. The rest of the Churchill program consisted of pellets.

**TABLE 27**  
**CHURCHILL SHIPPING SEASON — 1981**  
**EXPORT CLEARANCES BY DESTINATION**

Destination	No. of Vessels	Tonnes
W. Europe	2	51 235
Poland	9	294 000
U.S.S.R.	4	93 155
Total	15	438 390

## ATLANTIC SEABOARD

The Wheat Board's 1981-82 Atlantic export program increased to 622 600 tonnes from the 388 600 exported in the previous crop year. Board shipments accounted for 72 per cent of the grain clearances from Halifax and West Saint John, and the balance was made up of Eastern Canadian grain.

The majority of the Wheat Board stocks for the Atlantic program were moved by lake vessel to Georgian Bay and upper lake ports late in the navigation season and then railed to Atlantic ports during the winter. Although snowstorms in Eastern Canada

**TABLE 28**

	Maximum Country Elevation Tariff 1981-82				Average Country Elevation Tariff 1981-82				Maximum Country Elevation Tariff 1980-81				Average Country Elevation Tariff 1980-81			
	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel
Wheat ....	\$7.15	19.5¢	\$6.50	17.7¢	\$6.87	18.7¢	\$5.45	14.8¢								
Oats .....	\$11.73	18.1¢	\$10.65	16.4¢	\$10.46	16.1¢	\$7.90	12.2¢								
Barley ....	\$8.87	19.4¢	\$8.05	17.5¢	\$8.44	18.4¢	\$6.65	14.5¢								

	Maximum Terminal Elevation Tariff 1981-82				Average Terminal Elevation Tariff 1981-82				Maximum Terminal Elevation Tariff 1980-81				Average Terminal Elevation Tariff 1980-81			
	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel
Wheat ....	\$4.20	11.7¢	\$4.00	10.9¢	\$3.90	10.6¢	\$3.15	8.6¢								
Oats .....	\$6.89	10.6¢	\$6.55	10.1¢	\$6.50	10.0¢	\$5.24	8.1¢								
Barley ....	\$5.21	11.3¢	\$4.95	10.8¢	\$4.95	10.8¢	\$3.99	8.7¢								

NOTE: Average country elevation tariff includes removal of dockage fee.





sometimes slowed train movement from Georgian Bay, supplies to the Atlantic ports were generally steady. However, it was necessary to move one unit train carrying 6 060 tonnes of barley directly from Thunder Bay to the Atlantic when barley stocks were depleted in the upper lake ports.

HANDLING AND STORAGE RATES

There were increases in the maximum terminal and country elevation tariffs during the 1981-82 crop year. The amounts are shown in Table 28 together with the 1980-81 figures for comparison.

Eastern transportation and handling charges increased in the 1981-82 crop year. Costs of handling a tonne of wheat at Thunder Bay, lake freight costs, and handling charges at eastern terminals for the last five years are shown in Table 29. Totals are provided in Table 30.

Maximum fees for removal of dockage more than doubled in 1981-82. They increased from \$1.00 to \$2.20 per tonne for wheat, from \$1.78 to \$3.61 per tonne for oats, and from \$1.19 to \$2.73 per tonne for barley. Country elevator storage rates rose from 2c to 2.2c per tonne per day for wheat, from 3.3c to 3.6c per tonne per day for oats, and from 2.5c to 2.7c per tonne per day for barley.

TABLE 29  
EASTERN TRANSPORTATION AND HANDLING CHARGES FOR WHEAT  
(Rates Basis Opening of Navigation)

	1978	1979	1980 (dollars per tonne)	1981	1982	Percentage Increase from 1978
Thunder Bay Costs .....	\$2.635	\$3.165	\$3.420	\$3.765	\$4.250	61.3%
Elevation .....	2.250	2.750	3.000	3.150	3.500	55.6%
Weighing, Inspection .....	.330	.360	.360	.540	.660	100.0%
LSCA Charges .....	.035	.035	.040	.040	.040	14.2%
Warehouse Receipts Cancellation .....	.020	.020	.020	.035	.050	150.0%
Lake Freight (including Bunker fuel)						
Thunder Bay to Bay ports .....	4.065	4.504	5.580	6.720	7.570	86.2%
Thunder Bay to St. Lawrence .....	6.983	7.738	9.440	11.220	12.480	78.7%
Eastern Terminals						
Bay Ports .....	1.50	1.60	1.95	2.100	2.950	96.7%
St. Lawrence .....	1.47	1.60	1.80	2.000	2.100	42.9%
Atlantic .....	1.47	1.60	1.80	2.000	2.100	42.9%

<sup>1</sup> Receiving, weighing and delivering of grain.  
<sup>2</sup> Sampling and grading of grain by an inspector and issuing of inspection certificate.  
<sup>3</sup> Fees of Lake Shippers Clearance Association.  
<sup>4</sup> Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.  
<sup>5</sup> Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and officially weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

TABLE 30  
TOTAL EASTERN HANDLING AND TRANSPORTATION COSTS FOR WHEAT

	1978	1979	1980 (dollars per tonne)	1981	1982	Percentage Increase from 1978
Thunder Bay to St. Lawrence .....	\$11.835	\$13.308	\$15.531	\$17.861	\$20.638	75%
Thunder Bay to Halifax .....	17.256	19.270	23.331	27.261	31.284	81.3%



## PART IV OTHER OPERATIONS

### PROMOTIONAL ACTIVITIES

#### Market Development

Domestic efforts in 1981-82 were again concentrated on the development of new varieties and the expanded acreage of those varieties with known market demand. These efforts were met by offering contracts for the production of various grain varieties including Fielder, a soft white spring wheat, HY 320, a semi-hard wheat variety, and Glenn, Argyle, Norbert and Harrington, four new malting barley varieties.

**Fielder:** This soft white spring wheat variety was developed in the United States and licensed for production in Canada in 1976. In addition to its acceptable agronomic characteristics, it also has good milling and baking qualities. About 78,000 acres of Fielder were seeded in the irrigation areas of Saskatchewan and Alberta in the spring of 1982. Contract growers are required to grow Fielder under irrigation in order to maintain the low protein content that traditional soft wheat end users want.

**HY 320:** HY 320 (originally identified as NB 320) is a semi-hard wheat variety developed at the Swift Current research station. HY 320 is agronomically suited to many areas of the Prairies with an expected yield advantage of 25 per cent to 30 per cent over traditional red spring wheat varieties. This variety has medium gluten strength, medium protein content and medium kernel hardness. About 500 acres of HY 320 were planted in the spring of 1982 at various locations in Alberta, Saskatchewan and Manitoba. Milling and baking tests for this new variety continue at the present time. There is a concern about its susceptibility to loose smut and common bunt.

**Glenn:** Glenn barley is a six-row white aleurone malting barley variety developed by North Dakota State University. This variety is agronomically adapted to the eastern Prairies and is currently one of the two preferred six-row malting varieties grown in the United States. Approximately 48,000 acres of Glenn were contracted to producers in Manitoba and Saskatchewan in the spring of 1982. Plant scale malting tests are now being conducted by the domestic as well as U.S. malting industry.

**Argyle:** Argyle barley is a six-row blue aleurone malting barley developed by the University of Manitoba and licensed in 1981. This barley is agronomically

suited to all of the traditional six-row growing areas of Western Canada. Argyle shows promise in the area of malting quality because of its higher diastatic power. About 700 acres of this variety were grown under contract in Manitoba, Saskatchewan and Alberta in 1982. Production from this program has gone towards the plant scale testing of the variety.

**Harrington:** Harrington is a two-row white aleurone malting barley developed by the University of Saskatchewan and licensed in 1981. This variety is agronomically suited to the traditional two-row barley area of western Saskatchewan and southern Alberta. Harrington is considered to have excellent malting quality. Approximately 700 acres of this variety were grown in Saskatchewan and Alberta in 1982. Plant scale testing of this variety is currently being conducted by the domestic malting industry.

**Norbert:** Norbert is a two-row white aleurone malting barley developed at Agriculture Canada research station in Winnipeg. This variety is the first two-row white malting barley agronomically suited to the eastern Prairies. This variety looks very promising in terms of malting quality. In the spring of 1982 about 3,800 acres of this variety were contracted in Manitoba and eastern Saskatchewan. Production from this program has gone toward the plant scale testing of this variety.

Other market development efforts included OT 224, a tan-colored oat variety developed by Agriculture Canada for the eastern Prairies. The large kernels and low-hull content of this OT 224 may make this variety preferable for milling. Approximately 100 acres of this variety were grown in Manitoba and Saskatchewan in 1982.

#### Sales Missions

Commissioners and officials of the Board covered many miles overseas to achieve the Board's sales program and to foster close relations with Canada's grain customers. The Board was also represented at national and international conferences which concerned matters significant to Canada's grain industry. The countries visited during the 1981-82 crop year are listed as follows by geographic area:

**Africa and Near East** Algeria, Egypt, Iraq, Israel, Lebanon, Libya, Morocco, Tunisia

**The Americas** Argentina, Brazil, Mexico, United States

**Asia** Hong Kong, Japan, Malaysia, Peoples' Republic of China, Taiwan



**Europe** Austria, Belgium, Czechoslovakia, East Germany, France, Finland, Greece, Italy, Norway, Poland, Spain, Switzerland, U.S.S.R., United Kingdom, West Germany

**Oceania** Australia

**Incoming Mission Program**

Two missions from South Korea and one each from Japan, Taiwan, and the People's Republic of China visited Canada during the year as guests of the Board. These missions included representatives from both government and trade and were given the opportunity to observe Canada's grain handling system from farm to seaboard port, as well as research, quality control and grain processing facilities.

In addition to the foregoing, the Board met with and arranged itineraries and programs for a number of individuals and groups from 21 other countries who visited Canada. The success of these programs is dependent in large measure on the active participation and support of the many individuals and organizations that make up the Canadian grain trade. Their assistance and co-operation has contributed greatly to a better understanding of Canada's grain handling system in many other parts of the world.

**Grain Handbook**

The Board prepared and distributed throughout the world 3,600 copies of its "Canadian Grain Handbook". The booklet contains quality data on Canadian export grains, statistical tables and a brief outline of the Board's export operations. It is available in six languages — English, French, German, Italian, Japanese and Spanish.

**Touring the Wheat Board**

There were 59 groups totaling about 1,910 people who toured the Wheat Board's Winnipeg office during the 1981-82 crop year. The groups were made up of 25 farm groups, 16 international, 15 educational and 3 others. They toured the major departments of the Board and operations in each area were discussed.

**CANADIAN INTERNATIONAL GRAINS INSTITUTE**

The Wheat Board, in conjunction with the Department of Industry, Trade and Commerce, continued its active support of the Canadian International Grains Institute. This Institute offers courses in grain handling, marketing and technology to representatives of Canada's potential and existing customers, as well as to Canadian participants.

The Institute publishes an annual report from which details of its many activities can be obtained.

The Board wishes to commend the calibre of work by Institute officials and staff and the continuing high standards of its educational program. The Board would also like to express its gratitude to Mr. Vic Martens, who retired as Executive Director of the Institute in December, 1981, for his untiring service and valuable contributions to the Institute and to the Canadian grain industry as a whole.

**LEGAL SERVICES**

The Board continued to receive legal assistance, which included the drafting of Regulations and Board Orders and the handling of estate and demurrage claims, from the Board's Legal Division.

The Legal Division also assisted with the collection of default cash advance accounts in accordance with the federal government's Prairie Grain Advance Payments Program. During the crop year under review 76 default accounts were referred to the Legal Division for collection and 94 actions were taken in the Federal Court of Canada.

A total of 64 convictions were obtained during 1981-82 for breaches of the Canadian Wheat Board Act and Regulations. This included producers who were charged with making deliveries in excess of the quotas established by the Board. Incidents such as these cannot be overlooked since they infringe upon the rights of all western farmers to equitable delivery opportunities and violate the responsibilities of the Board as set out under the Wheat Board Act.

**OFFICERS AND STAFF**

A number of senior staff appointments were made by the Board during the 1981-82 crop year. Mrs. Maureen Hunter was named Executive Director of Administration, Mr. David Olfert was appointed Treasurer and Mr. J. W. Snell was appointed the Board's Corporate Secretary. Mr. Carl Gusberti became Director of Marketing at the Canadian International Grains Institute.

Mr. F. D. Jefferson assumed the duties of General Director of the Country Services Division and Mr. F. G. VanAlstyne took over the responsibilities of General Director of the Management Information Services Division.





In addition, Mrs. Jo Dellapenta was named as Director of Building and Office Services, Mr. Ray Gollmer as Director of Computer Services, Mr. Frank Guenther as Director of Compensation, Mrs. Charlin McFee as Director of Human Resources and Mr. Larry Nentwig as Director of Accounting. Mr. J. P. Tambay resigned from his position as Senior Marketing Officer.

Mrs. Jessie Bulloch was hired as the General Director of Personnel and Mr. Peter Thomson was hired as the Board's Executive Assistant.

The following members of the Board's staff retired during the 1981-82 crop year: Miss Nina Bill, Mr. G. H. Booth, Miss L. Evans, Miss L. Gorricks, Miss M. Hein, Mr. J. K. Hodges, Mr. G. F. Holloway, Mrs. M. Jannetta, Mrs. K. Kuz, Mrs. E. Lambert, Miss J. Lee, Mr. W. B. MacQuarrie, Mr. J. E. McLaughlin, Mr. I. A. L. McLean, Miss M. Murphy, Mr. S. H. Smyth, Miss V. Ryckman and Miss J. Yule. It is sad to record that Miss Jessie Yule and Mr. Fred Holloway died shortly after their retirements. To the others the Board wishes a long and fulfilling retirement and extends its thanks for their many years of valuable and loyal service.

With regret we record the deaths of the following Wheat Board pensioners: Fred Brown, Joe Hayes, Margaret Jackson, Rose King, Joe Lewak and Doreen Shaw. They are missed by those who knew and worked with them.

The number of permanent and temporary employees on July 31st of each of the last five years is indicated in Table 31.

**TABLE 31**  
**NUMBER OF EMPLOYEES AT JULY 31st**  
**1978 TO 1982**

Year	Permanent	Temporary	Total
1978	563	89	652
1979	565	97	662
1980	565	79	644
1981	567	69	636
1982	561	71	632

#### **BOARD OFFICES**

During the 1981-82 crop year, the Board continued to maintain branch offices in Vancouver and Montreal, and overseas branches in London and Tokyo.



## PART V

### ADVISORY COMMITTEE

The 1981-82 crop year continued with the Advisory Committee which was elected in the fall of 1978 for a four-year term. It consisted of the following members:

District Number	Name	Address
1	Mr. L. E. Parker	Ste. Agathe, Manitoba
2	Mr. D. Mitchell	Douglas, Manitoba
3	Mr. C. A. Hookenson	Kisbey, Saskatchewan
4	Mr. M. G. W. Halyk	Melville, Saskatchewan
5	Mr. E. K. Turner	Regina, Saskatchewan
6	Mr. R. R. Atkinson	Landis, Saskatchewan
7	Mr. A. Sahl	Mossbank, Saskatchewan
8	Mr. T. Strain	North Battleford, Saskatchewan
9	Mr. O. Reber	Burdett, Alberta
10	Mr. K. D. Galloway	Fort Saskatchewan, Alberta
11	Mr. H. A. Dechant	Fairview, Alberta

Mr. R. R. Atkinson and Mr. K. D. Galloway maintained their positions as Chairman and Vice-Chairman, respectively. At the June 24th, 1982 meeting, the Committee reviewed these positions as required by the Canadian Wheat Board Act and Mr. Atkinson and Mr. Galloway were reinstated.

The Committee met with the Board on nine occasions during the crop year under review. The Minister of State for the Canadian Wheat Board, Senator Hazen Argue, attended these meetings whenever possible. Representatives of the Grain Transportation Authority continued to present an opening report on the grain transportation situation. Subsequently, the Board reviewed its operations with the Committee and sought the Committee's advice and guidance on policy matters concerning producers in Western Canada.

On December 21st, 1981, the final report of the sub-committee established by the Advisory Committee to examine various aspects of the cash advance program was submitted and accepted by the Committee. That report, which contained recommendations requiring legislative changes to the Prairie Grain Advance Payments Act as well as administrative changes, was subsequently forwarded to the federal government.

In December 1981, the Committee also accepted the recommendations contained in the final report of the sub-committee of the Advisory Committee appointed to assist the Board in a review of the delivery quota policy. The purpose of the review was to

consider how delivery opportunities could be made more equitable for producers using intensive grain farming practices. As a result of the sub-committee's recommendations, the Board decided to add a bonus acres feature to the quota system beginning August 1st, 1982.

At the request of the Port Churchill Development Board, its members met with the Advisory Committee at the meeting on September 28th, 1981, to give an audio-visual presentation on the Port of Churchill.

A joint meeting of the Advisory Committee to the Canadian Wheat Board and the Advisory Committee to the Livestock Feed Board of Canada was held in Montreal on January 6th, 1982, to continue the consultative process which the two Committees had begun the previous crop year on possible changes to the national feed grain policy. They passed a resolution recommending that the federal government compensate the Canadian Wheat Board for losses on domestic feed grain sales by paying the difference between the export feed grain and corn-competitive prices. On March 17th, 1982 the federal government announced that until the close of the 1982 navigation season, it would spend up to \$8 million to reimburse western grain producers for any lost revenue resulting from Wheat Board domestic feed grain sales at corn-competitive prices.

For the sixth consecutive year, meetings with producers were held by the Board in the various Committee districts throughout the designated area. Each Committee member acted as Chairman for the meeting in his district. The meetings were held at the following locations, with two in District 11 because it covers such a widespread area:

District	Location	Date
1	Oak Bluff, Manitoba	February 25, 1982
2	Brandon, Manitoba	February 22, 1982
3	Estevan, Saskatchewan	February 17, 1982
4	Neudorf, Saskatchewan	February 15, 1982
5	Hafford, Saskatchewan	February 26, 1982
6	Outlook, Saskatchewan	February 24, 1982
7	Morse, Saskatchewan	February 19, 1982
8	Vermilion, Alberta	March 1, 1982
9	Lethbridge, Alberta	March 5, 1982
10	Westakiwin, Alberta	March 3, 1982
11	Fairview, Alberta	February 16, 1982
11	Athabasca, Alberta	February 18, 1982

The Board would like to record its appreciation for the assistance and guidance the Committee provided to the Board during the 1981-82 crop year.



## PART VI FINANCIAL STATEMENTS

The Financial Statements of The Canadian Wheat Board for the crop year under review are presented in this section of the report. These consist of the Balance Sheet (Exhibit I) which sets forth the financial position of the Board as at July 31, 1982, together with other statements showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts when marketing operations have been completed before the issuance of the annual report. Operations on the 1981-82 Pool Accounts for Wheat, Amber Durum Wheat, Designated Oats, Barley and Designated Barley were completed on October 31, 1982. Operations on the 1981-82 Pool Account for Oats were completed on January 31, 1983. Accordingly, the operating accounts for Wheat, Amber Durum Wheat, Oats, Designated Oats, Barley and Designated Barley and the Balance Sheet include the transactions on these accounts from August 1, 1981, to the respective closing dates of the pools in order to reflect the final operating results in the financial statements.

### BALANCE SHEET — EXHIBIT I

The financial position of The Canadian Wheat Board as at July 31, 1982, including provisions for transactions subsequent thereto with respect to Wheat, Amber Durum Wheat, Oats, Designated Oats, Barley and Designated Barley as explained above is set forth on Exhibit I. The following comments are submitted with respect to certain of the items appearing on the Balance Sheet.

#### Wheat Stocks — \$1,019,615,889

Stocks of Wheat held by the Board at July 31, 1982, in store country and terminal elevators and mills, and in transit amount to 5 227 507 tonnes. Marketing operations on the 1981-82 Wheat Account were completed on October 31, 1982, therefore the above stocks have been stated at the values which were ultimately received from the sale thereof.

#### Amber Durum Wheat Stocks — \$194,820,809

Stocks of Amber Durum Wheat held by the Board at July 31, 1982, in store country and terminal elevators and mills, and in transit amount to 1 016 327

tonnes. Marketing operations on the 1981-82 Amber Durum Wheat accounts were completed on October 31, 1982, therefore the above stocks have been stated at the values which were ultimately received from the sale thereof.

#### Oats Stocks

Oats .....	\$21,180,065
Designated Oats .....	\$451,832

Stocks of Oats held by the Board at July 31, 1982, in store country elevators, terminal elevators or in transit, amounted to 177 731 tonnes of feed oats and 2 790 tonnes of designated oats. Marketing operations on the 1981-82 Designated Oats Account were completed on October 31, 1982, while the 1981-82 Oats Account was closed on January 31, 1983. The above stocks, therefore, have been stated at the values which were ultimately received from the sale thereof.

#### Barley Stocks

Barley .....	\$213,647,113
Designated Barley .....	\$17,518,775

Stocks of Barley held by the Board at July 31, 1982, in store country and terminals elevators and in transit, amounted to 1 773 401 tonnes of feed barley and 100 984 tonnes of designated barley. Marketing operations on these accounts were completed on October 31, 1982, therefore these stocks have been stated at the values which were ultimately received from the sale thereof.

#### Bills of Exchange plus Accrued Interest

Receivable in Canadian funds .....	\$1,918,030,988
Receivable in United States funds .....	\$554,649,041

These represent amounts receivable at July 31, 1982, with accrued interest, arising from Wheat, Amber Durum Wheat, Oats and Barley sold on credit to Brazil, China, Haiti, Israel, Jamaica, Peru, Poland, Soviet Union and Zambia. The amounts receivable in United States funds have been converted at forward sales values or the prevailing rate of exchange at July 31, 1982. Although the terms of these credit sales vary, all call for payment of principal and interest within 36 months from time of shipment, except for Poland, Peru and Zambia where the Board, together with the Canadian Government agreed to reschedule certain receivables maturing on or before December 31, 1981. Terms of such reschedulings call for payment of interest and the rescheduled debt within eight years. As





at July 31, total reschedulings amounted to \$108,032,977 in Canadian funds and \$30,822,513, the latter amount being the Canadian equivalent of amounts receivable in United States funds.

Although Poland has met its obligations under the rescheduling, it has not made payment of any principal and interest amounts on other obligations that matured in 1982. As at July 31, 1982, the amounts that had matured and were unpaid totaled \$133,355,208 in Canadian funds and \$31,057,042 in Canadian equivalent of United States funds. It is expected that all unpaid amounts maturing during the calendar year 1982, amounting to \$239,802,347 in Canadian funds and \$70,751,830 in Canadian equivalent of United States funds will be the subject of a further rescheduling agreement once there has been a multilateral agreement among creditor Governments to reschedule Poland's external debt due in 1982.

Credit sales are made within limits established by the Government of Canada who guarantee repayment of principal and interest amounts in guaranteeing the Board's borrowing incurred to finance such sales.

#### **Accounts Receivable**

Sundry ..... \$75,123,725  
Prairie Grain Advance Payments ..... \$4,621,839

Sundry accounts receivable consist mainly of amounts due from Board agents on sales completed as at July 31, 1982, for which accountings were not received until subsequent to that date. Details of the amount receivable under the Prairie Grain Advance Payments Act are set forth on Exhibit IX.

#### **Due from the Government of Canada**

1981-82 Pool Account — Oats ..... \$2,291,454

The above amount represents the deficit resulting from marketing operations on the 1981-82 Pool Account for Oats. This amount is recoverable from the Government of Canada.

#### **The Canadian Wheat Board Building, Winnipeg, At Cost Less Depreciation — \$2,382,463**

In accordance with instructions received from the Government of Canada, the Board paid to the City of Winnipeg a grant of \$400,856 in lieu of realty and business taxes on The Canadian Wheat Board Building for 1982 but without admitting any liability for such taxes. Depreciation for the year has been pro-

vided at 2 1/2 per cent per annum in the amount of \$110,137 and the accumulated depreciation on the building to July 31, 1982, is \$2,190,493.

#### **Covered Hopper Cars**

##### **At Cost Less Depreciation — \$82,674,218**

The above amount represents the net book value at July 31, 1982, of the Board's railway hopper cars. Of the 2000 cars purchased in 1979-80, eight have been wrecked and dismantled leaving 1992 cars in the fleet as at the year end. The Board is reimbursed for the value of all cars damaged beyond repair under the terms of an operating agreement between the Board and the Canadian National Railway. Depreciation on the cars has been determined basis 3 1/3 per cent per annum with the current year's provision amounting to \$3,006,335. Accumulated depreciation on the cars to July 31, 1982, is \$7,519,182.

#### **Liability To The Banks — \$2,431,038,538**

Details of the Board's position with the banks as at July 31, 1982, are set forth below:

Ordinary operations ..... (\$15,451,644)  
Loans to finance credit  
    sales to China ..... \$279,581,140  
Loans to finance medium term  
    credit sales ..... \$2,166,909,042  
Liability to the Banks ..... \$2,431,038,538

Of the total liability, \$553,183,828 represents amounts repayable in United States funds converted at the prevailing rate of exchange at July 31, 1982.

At the beginning of the crop year the Board's net loan position with the banks totaled \$1,676.4 million consisting of a funds position of \$149.6 million for ordinary operations and loans of \$525.6 million for credit sales to China and \$1,300.4 million for medium-term credit sales.

With respect to ordinary operations, the Board started the crop year in a funds position which subsequently changed to a loan position in early January, 1982. This loan position continued to the latter part of July at which time the balance again changed to a funds position which continued to the end of the crop year.

As to loans to finance credit sales, the requirement increased some \$620.5 million during the crop year, a decrease of \$246.0 million with respect to China and an increase of \$866.5 million for other countries.

The Board's borrowings from the chartered banks are guaranteed by the Government of Canada.



### Liability To Agents — \$843,806,200

Grain companies acting in the capacity of Agents of the Board accept deliveries from producers at country elevators and on behalf of the Board pay the producers basis the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its Agents at terminal or mill position. Liability to Agents amounting to \$843,806,200 represents the amount payable by the Board to its Agents for 5 356 271 tonnes of Wheat, Amber Durum Wheat, Oats and Barley on hand at country elevator points and in transit at July 31, 1982, for which delivery to and settlement by the Board was completed subsequent to year-end date.

### Liability To Agents For Deferred Cash Tickets — \$190,679,446

Effective June 1, 1978, arrangements were made with the grain companies as Agents of the Board whereby the proceeds of deferred cash tickets issued for Board grains would be deposited with the Board in trust. These monies would then be returned to the elevator companies to cover producer deferred cash tickets maturing predominantly during the first days of the following calendar year.

As at July 31, 1982, the total of these deposits amounted to \$190,679,446 increasing to \$686,162,469 by December 31, 1982. The bulk of these monies were repaid in early January, 1983.

**TABLE 32**  
**THE CANADIAN WHEAT BOARD**  
**SPECIAL ACCOUNT TRANSACTIONS**  
**As at July 31, 1982**

Balance of Special Account as at July 31, 1982 .....						\$5,989,927
Transfer to Special Account authorized by Order-in-Council P.C. 1982-2461 from the following:						
1974 Wheat Payment and Adjustment Payment Account .....						\$1,181,119
1974 Oats Payment Account .....						42,525
1974 Barley Payment and Adjustment Payment Account .....						261,020
						<u>1,484,664</u>
						<u>7,474,591</u>
Expenditures:						
Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1981	Authorized Crop Year 1981-82	Unexpended as at July 31, 1982	Expended Crop Year 1981-82	
P.C. 1982-2462	Customer Mission Program .....	\$57,404	\$150,000	\$95,038	\$112,366	
P.C. 1982-2463	General Promotion & Overseas Advertising .....	45,969	13,267	40,713	18,523	
P.C. 1982-2464	Market Development 1982-83 .....	—	110,000	93,035	16,965	
P.C. 1981-3436	Scholarships & Assistantship Program .....	—	280,000	86,633	193,367	
P.C. 1981-3517	Remote Sensing Crop Monitoring Project .....	—	10,000	—	10,000	
P.C. 1980-669	Prairie Production Symposium .....	25,067	—	25,307	(240)	
P.C. 1979-3155	Canadian International Grains Institute Capital Expenditures .....	16,910	—	17,167	(257)	
		<u>\$145,350</u>	<u>\$563,267</u>	<u>\$357,893</u>		<u>350,724</u>
						7,123,867
Less: Payments to producers against old payment accounts previously transferred to the Special Account .....						28,163
Balance of Special Account as at July 31, 1982 .....						<u>\$7,095,704</u>

As at July 31, 1982, there were unexpended authorizations totaling \$357,893 leaving an unexpended balance of \$6,737,811 in the Account.



### **Accounts Payable**

### **Accrued Expenses**

### **And Accounts Payable — \$63,465,713**

Accrued expenses and accounts payable are principally comprised of accrued carrying charges, storage, interest and transportation charges to July 31, 1982, together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of the 1981-82 Pool Accounts for Wheat, Amber Durum Wheat, Oats, Designated Oats, Barley, and Designated Barley for the period from August 1, 1982, to completion of operations for each respective pool account.

### **Special Account — Net Balance Of**

### **Undistributed Payment Accounts — \$7,095,704**

In accordance with the provisions of Section 30 of The Canadian Wheat Board Act the Governor-in-Council may authorize the Board to transfer to a Special Account the unexpended balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor-in-Council upon the recommendation of the Board may deem to be for the benefit of producers. Table 32 sets forth the details of transactions affecting the Special Account for the crop year under review.

### **ADVANCE PAYMENTS TO PRODUCERS**

During the crop year 1957-58 the Government of Canada passed the Prairie Grain Advance Payments Act which came into force on November 25, 1957. The result of transactions in respect to Advance Payments to Producers since that date to July 31, 1982, is set forth on Exhibit IX. As at the year-end date, there was a balance of \$4,621,839 owing to the Canadian Wheat Board with \$12,754,490 remaining to be

refunded by producers. Of the amount owing by producers, refunds totaling \$9,537,071 were received during the period August 1, 1982 to January 31, 1983, leaving a balance to be refunded of \$3,217,419.

### **ADMINISTRATIVE AND GENERAL EXPENSES**

This item represents the cost of operating the Board for a crop year, including the cost of salaries and fringe benefits to employees, the cost of operating the Wheat Board Building and other branches in Canada and overseas, together with all other administrative expenses of the Board. Full details of these expenses and their allocation to Pool Accounts are shown on Exhibit VIII. During the current crop year these expenses amounted to \$22,767,989 compared with \$19,411,315 a year ago, an increase of \$3,356,674 or 17.3% over the previous year.

### **HOPPER CAR LEASES**

In addition to the 2,000 Wheat Board covered hopper cars referred to earlier in this section, the Board is also acting as an agent of Her Majesty, in the leasing of a further 2,000 cars for the Government of Canada. All costs associated with these leases are to be recovered from the Government of Canada and in this regard, all lease payments made by the Board during the 1981-82 Crop Year have been fully reimbursed.

The terms of the leases are from 20 to 25 years.

### **SUBSEQUENT EVENT**

#### **Debenture Issue**

On December 1, 1982, the Board issued U.S. \$50,000,000 11 1/4% debentures due on December 1, 1990, secured by grain owned by the Board. Proceeds from this issue were used for the general purposes of the Board including the repayment of bank indebtedness incurred to finance holdings of grain and railway hopper cars.





## FINANCIAL RESULTS

Details of the final operating results of the Board on the 1981-82 Pool Accounts for Wheat, Amber Durum Wheat, Oats, Designated Oats, Barley and Designated Barley are presented in this section of the report with commentary thereon.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of wheat, 64.84183 bushels of oats or 45.92963 bushels of barley.

## POOL ACCOUNT -- WHEAT

### Initial Payments

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$174.50 per tonne for No. 1 Canada Western Red Spring.

### Supplies of Wheat

Supplies of wheat in the 1981-82 Pool were 18 658 871 tonnes, comprised of 16 936 279 tonnes

**TABLE A -- STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1981-82 POOL ACCOUNT -- WHEAT**  
For the period August 1, 1981, to October 31, 1982  
with prior year figures for the 1980-81 Pool Account for comparison

	1981-82 Pool Account		1980-81 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	16 936 279 tonnes		17 766 221 tonnes	
Sales value .....	\$3,513,373,509	\$207.447	\$3,990,027,443	\$224.585
Initial payments to producers .....	2,912,973,613	171.890	3,376,762,070	190.066
Gross Surplus .....	600,399,896	35.451	613,265,373	34.519
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	109,082,332	6.441	116,355,687	6.549
Terminal storage .....	15,683,076	.926	8,827,509	.497
Total Carrying Charges .....	124,765,408	7.367	125,183,196	7.046
Bank interest & net interest on other				
Board accounts .....	9,736,167	.575	35,482,063	1.997
Demurrage .....	4,098,946	.242	1,565,628	.088
Additional freight to terminals .....	1,975,909	.116	2,220,503	.125
Handling & stop-off re interior terminals .....	194,716	.012	220,662	.013
Drying .....	21,815	.001	216,939	.012
Protein grading development program ..	212,333	.013	1,338,193	.075
Interest and depreciation on Wheat				
Board hopper cars .....	10,903,063	.644	14,314,999	.806
Wheat Board administrative expenses ..	14,169,015		12,892,144	.726
Total Operating Costs .....	166,077,372	9.806	193,434,327	10.888
Surplus on Operations .....	434,322,524	25.645	419,831,046	23.631
Add: Interest earned after October 31 ..	13,700,400	.809	18,685,357	1.052
Deduct: Cost of issuing final payment ..	194,541	.012	293,203	.017
Surplus for Distribution to Producers ...	\$ 447,828,383	\$ 26.432	\$ 438,223,200	\$ 24.666



delivered by producers and 51 322 tonnes acquired from other than producers and 1 671 270 tonnes purchased from the previous pool.

#### Grade Pattern

Deliveries of grain to the 1981-82 Pool Account were of significantly better quality compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 14.225 million tonnes or 83.99 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 1.576 million tonnes amounted to 9.31 per cent of total receipts. Deliveries of Utility grades including Canada Feed amounted to 505 000 tonnes or 2.98 per cent of total producer deliveries. Approximately .20 per cent of producer deliveries graded tough while .02 per cent graded damp.

#### Financial Statement of Operations and Surplus for Distribution to Producers — Wheat — Table A

Marketing operations on the Pool Account for Wheat resulted in an operating surplus of \$434,322,524. After allowing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1982, the net surplus for distribution to producers amounted to \$447,828,383. This represents an average of \$26.442 on producer deliveries of 16 936 279 tonnes. Table B shows the total price realized by producers at \$199.622 for No. 1 CW Red Spring, comparable with \$222.120 for the previous pool.

Table B shows the initial payment, final payment and total prices realized by producers for the principal grades in the 1981-82 Pool Account.

#### OPERATING COSTS

Operating costs incurred applicable to the pool were \$166,077,372 or \$9.806 per tonne. Details of the principal costs and comment thereon follows:

#### Carrying Charges — \$124,765,408

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators amounted to \$124,765,408 or \$7.367 per tonne.

#### Bank Interest and Net Interest on Other Board Accounts — \$9,736,167

This consists mainly of bank interest and interest paid to or received from other Board accounts. Interest paid, exceeded interest earned by \$9,736,167 or \$.575 per tonne.

#### Demurrage — \$4,098,946

Demurrage represents charges paid or estimated charges payable to vessel owners, for delays in loading beyond a normal period, relating to producers deliveries in the current crop year. Charges for the year totaled \$4,098,946.

#### Drying Charges — \$21,815

Drying charges for 1981-82 totaled \$21,815, a substantial decrease from the previous year, reflecting the exceptionally dry condition of the crop under review.

**TABLE B — TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial	Final	Total
	Payments	Payments	
		(dollars per tonne)	
<b>Red Spring Wheat Grades</b>			
No. 1 Canada Western Red Spring .....	174.50	25.122	199.622
No. 2 Canada Western Red Spring .....	168.71	28.322	197.032
No. 3 Canada Western Red Spring .....	163.71	24.050	187.760
No. 1 Canada Utility .....	161.71	21.585	183.295
No. 2 Canada Utility .....	155.71	—	155.71
Canada Feed .....	145.71	—	145.71



**TABLE C — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1981-82 POOL ACCOUNT — AMBER DURUM WHEAT**  
For the period August 1, 1981, to October 31, 1982  
with prior year figures for the 1980-81 Pool Account for comparison

	1981-82 Pool Account		1980-81 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	<u>2 572 014 tonnes</u>		<u>2 821 972 tonnes</u>	
Sales value .....	\$521,613,591	\$202.804	\$696,911,956	\$246.959
Initial payments to producers .....	<u>443,013,398</u>	<u>172.244</u>	<u>666,703,025</u>	<u>236.254</u>
Gross Surplus .....	<u>78,600,193</u>	<u>30.560</u>	<u>30,208,931</u>	<u>10.705</u>
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	15,617,945	6.072	19,750,485	6.999
Terminal storage .....	<u>2,708,344</u>	<u>1.053</u>	<u>1,929,639</u>	<u>.684</u>
Total Carrying Charges .....	<u>18,326,289</u>	<u>7.125</u>	<u>21,680,124</u>	<u>7.683</u>
Interest .....	( 1,642,619)	( .639)	3,176,810	1.126
Demurrage .....	47,616	.019	( 393,942)	( .140)
Additional freight to terminals .....	168,421	.066	84,906	.030
Handling & stop-off re interior terminals .....	417,628	.162	233,025	.082
Drying .....	2,545	.001	2,934	.001
Interest and depreciation on Wheat Board hopper cars .....	1,655,780	.644	2,273,783	.806
Wheat Board administrative expenses ..	<u>2,151,792</u>	<u>.836</u>	<u>1,994,927</u>	<u>.707</u>
Total Operating Costs .....	<u>21,127,452</u>	<u>8.214</u>	<u>29,052,567</u>	<u>10.295</u>
Surplus on Operations .....	57,472,741	22.345	1,156,364	.410
Add: Interest earned after October 31 ..	1,795,873	.698	51,466	.018
Deduct: Cost of issuing final payment ..	<u>29,217</u>	<u>.011</u>	<u>60,560</u>	<u>.022</u>
Surplus for Distribution to Producers ...	<u>\$ 59,239,397</u>	<u>\$ 23.032</u>	<u>\$ 1,147,270</u>	<u>\$ .406</u>

**TABLE D — TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF AMBER  
DURUM WHEAT**  
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Amber Durum Wheat Grades</b>			
No. 1 Canada Western Amber Durum .....	174.50	25.836	200.336
No. 2 Canada Western Amber Durum .....	171.71	23.626	195.336
No. 3 Canada Western Amber Durum .....	169.71	19.501	189.211
No. 4 Canada Western Amber Durum .....	160.71	—	160.71
No. 5 Canada Western Amber Durum .....	145.71	—	145.71





### **Interest and Depreciation on Wheat Board Hopper Cars — \$10,903,063**

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest less rental payments received from the railways. Hopper car expenses attributable to the 1981-82 Wheat Account totaled \$10,903,063 compared to \$14,314,999 for the previous pool.

### **POOL ACCOUNT — AMBER DURUM WHEAT**

#### **Initial Payments**

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$174.50 per tonne for No. 1 Canada Western Amber Durum Wheat.

#### **Supplies of Amber Durum Wheat**

Supplies of Amber Durum Wheat in the 1981-82 Pool were 2 856 806 tonnes, comprised of 2 572 014 tonnes delivered by producers, 12 062 tonnes acquired from other than producers and 272 730 tonnes purchased from the previous pool.

#### **Grade Pattern**

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 2.424 million tonnes or 94.25 per cent of total producer deliveries. The tough and damp grades delivered amounted to less than .20 per cent of the total receipts.

#### **Final Statement of Operations and Surplus for Distribution to Producers — Amber Durum Wheat — Table C**

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$57,472,741. Operating expenses totaled \$21,127,452 for the year or \$8.214 per tonne. The principal cost was carrying charges amounting to \$18,326,289 or \$7.125 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1982, the net surplus for distribution to producers was \$59,239,397. This represents an overall average of \$23.032 per tonne on producer deliveries of 2 572 014 tonnes. Table D shows the total payment received by producers for the principal grades of Amber Durum Wheat delivered during the crop year.

This table shows the total price realized by producers for No. 1 Canada Western Amber Durum Wheat of \$200.336 per tonne, compared to \$239.579 per tonne for the previous pool.

### **1981-82 POOL ACCOUNT — OATS**

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption, has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described here consist mainly of marketing results related to feeding grades of oats.

#### **Initial Payments**

During the crop year the Board was authorized to purchase oats from producers at a fixed initial price of \$110.00 per tonne for No. 1 Feed Oats.

#### **Final Statement of Operations — Oats — Table E**

Table E shows the operating results of the Pool Account for the 1981-82 crop year. Marketing operations resulted in a deficit of \$2,291,454 which is recoverable from the Government of Canada with funds provided by Parliament.

Operating expenses totaled \$5,974,790 or \$17.381 per tonne of which carrying charges was the largest single cost being \$3,481,474 or \$10.128 per tonne.

### **1981-82 POOL ACCOUNT — DESIGNATED OATS**

Beginning with the crop year commencing on August 1, 1981, oats that have been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the oats for use in processing and milling for human consumption, has been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

#### **Initial Payments**

During the crop year the Board was authorized to purchase Designated Oats from producers at fixed initial prices of \$140.00 and \$138.00 per tonne for Nos. 1 and 2 Canada Western Oats respectively and \$134.00 per tonne for No. 1 Feed Oats.



**TABLE E -- STATEMENT OF OPERATIONS OF THE 1981-82 POOL ACCOUNTS -- OATS**  
**For the period August 1, 1981, to January 31, 1983**

	<u>Amount</u>	<u>Rate per Tonne</u>
Receipts from Producers .....	<u>343 761 tonnes</u>	
Sales value .....	\$41,450,787	\$120.580
Initial prices paid to producers basis in store Thunder Bay or Vancouver ....	<u>37,767,451</u>	<u>109.865</u>
Gross Surplus .....	<u>3,683,336</u>	<u>10.715</u>
Deduct Operating Costs: .....		
Carrying charges: .....		
Carrying charges on oats stored in country elevators .....	2,548,039	7.412
Storage on oats stored in terminal elevators .....	<u>933,435</u>	<u>2.716</u>
Total Carrying Charges .....	<u>3,481,474</u>	<u>10.128</u>
Interest .....	1,416,351	4.120
Net additional freight on oats shipped from country stations to terminal positions .....	349,973	1.018
Drying charges .....	398	.001
Interest and depreciation on Wheat Board hopper cars .....	221,303	.644
Wheat Board administrative expenses .....	<u>505,291</u>	<u>1.470</u>
Total Operating Costs .....	<u>5,974,790</u>	<u>17.381</u>
Deficit on Operations .....	<u>\$ 2,291,454</u>	<u>\$ 6.666</u>

**TABLE F -- STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS**  
**ON THE 1981-82 POOL ACCOUNT -- DESIGNATED OATS**  
**For the period August 1, 1981, to October 31, 1982**

	<u>Amount</u>	<u>Rate per Tonne</u>
Receipts from Producers .....	<u>67 230 tonnes</u>	
Sales value .....	\$10,978,597	\$163.299
Initial prices paid to producers basis in store Thunder Bay or Vancouver ....	<u>9,216,771</u>	<u>137.093</u>
Gross Surplus .....	<u>1,761,826</u>	<u>26.206</u>
Deduct Operating Costs: .....		
Interest and bank charges .....	( 225,363)	( 3.352)
Interest & depreciation on Wheat Board hopper cars .....	43,281	.644
Wheat Board administrative expenses .....	<u>94,026</u>	<u>1.398</u>
Total Operating Costs .....	<u>( 88,056)</u>	<u>( 1.310)</u>
Surplus on Operations .....	1,849,882	27.516
Add: Additional interest earned after October 31 .....	62,085	.923
Deduct: Cost of issuing final payment .....	<u>1,285</u>	<u>.019</u>
Surplus for Distribution to Producers .....	<u>\$ 1,910,682</u>	<u>\$ 28.420</u>



Supplies and Grade Pattern

Supplies of oats in the designated pool were 67 230 tonnes representing deliveries to the Board by producers during the crop year of oats which were selected and accepted by purchasers for use in processing and milling for human consumption. Receipts of Nos. 1 and 2 Canada Western Oats totaled 42 327 tonnes or 62.96 per cent of total deliveries. Feeding grades totaled 24 903 tonnes or 37.04 per cent of total receipts.

Final Statement of Operations and Surplus for Distribution to Producers — Designated Oats — Table F

Table F shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$1,849,882. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature does not incur the handling expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses incurred attributable to such oats were costs related to Wheat Board hopper cars and Wheat Board administrative charges totaling \$137,307 or \$2.042 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$225,363 or \$3.352 per tonne. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1982, the net surplus for distribution to producers was \$1,910,682 or \$28.42 per tonne on producer deliveries of 67 230 tonnes. Table G shows the total payment received by producers for the principal grades of Designated Oats delivered during the crop year.

1981-82 POOL ACCOUNT — BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for the use of malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

Initial Payments

During the crop year the Board was authorized to purchase barley from producers at a fixed initial price of \$124.00 per tonne for No. 1 Feed Barley.

Final Statement of Operations and Surplus for Distribution to Producers — Barley — Table H

Table H shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$38,309,925. Operating expenses totaled \$41,582,792 for the year or \$7.502 per tonne. The principal cost was carrying charges amounting to \$27,129,521 or \$4.894 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1982, the net surplus for distribution to producers was \$39,459,289. This represents an overall average of \$7.119 per tonne on producer deliveries of 5 542 873 tonnes. Table I shows the total payment received by producers for the No. 1 Feed Barley as \$131.066 per tonne, compared to \$146.552 per tonne for the previous pool.

TABLE G — TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED OATS  
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
Oats Grades			
No. 1 Canada Western .....	140.00	30.386	170.386
No. 2 Canada Western .....	138.00	30.386	168.386
Extra No. 1 Feed .....	136.00	25.886	161.886
No. 1 Feed .....	134.00	23.886	157.886
No. 2 Feed .....	130.00	25.886	155.886





**TABLE H — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1981-82 POOL ACCOUNT — BARLEY**  
For the period August 1, 1981, to October 31, 1982  
with prior year figures for the 1980-81 Pool Account for comparison

	1981-82 Pool Account		1980-81 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	5 542 873 tonnes		4 723 319 tonnes	
Sales value .....	\$766,615,266	\$138.306	\$725,628,759	\$153.627
Initial payments to producers .....	686,722,549	123.892	615,999,061	130.417
Gross Surplus .....	79,892,717	14.414	109,629,698	23.210
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	22,095,032	3.986	20,194,560	4.275
Terminal storage .....	5,034,489	.908	2,961,252	.627
Total Carrying Charges .....	27,129,521	4.894	23,155,812	4.902
Interest .....	3,590,946	.648	7,364,631	1.559
Demurrage .....	1,195,839	.216	( 267,412)	( .057)
Additional freight to terminals .....	497,711	.090	85,063	.018
Handling and stop-off re interior terminals .....	( 37,653)	( .007)	6,416	.002
Drying .....	19,732	.003	295,495	.063
Interest & depreciation on Wheat Board hopper cars .....	3,568,324	.644	3,805,781	.806
Wheat Board administrative expenses ..	5,618,372	1.014	4,016,498	.850
Total Operating Costs .....	41,582,792	7.502	38,462,284	8.143
Surplus on Operations .....	38,309,925	6.912	71,167,414	15.067
Add: Interest earned after October 31 ..	1,240,470	.224	3,360,467	.712
Deduct: Cost of issuing final payment ..	91,106	.017	118,356	.025
Surplus for Distribution to Producers ...	\$ 39,459,289	\$ 7.119	\$ 74,409,525	\$ 15.754

**TABLE I — TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF BARLEY  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Barley Grades</b>			
No. 1 Canada Western Six-Row .....	126.93	7.636	134.566
No. 2 Canada Western Six-Row .....	125.93	7.636	133.566
No. 2 Canada Western Two-Row .....	125.93	7.636	133.566
No. 1 Feed .....	124.00	7.066	131.066
No. 2 Feed .....	121.43	8.918	130.348



## 1981-82 POOL ACCOUNT — DESIGNATED BARLEY

As stated previously, since August 1, 1975, barley that has been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the barley for the use of malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

### Initial Payments

During the crop year the Board was authorized to purchase Designated Barley from producers at a fixed initial price of \$158.00 per tonne for No. 2 Canada Western Six-Row.

### Supplies and Grade Pattern

Supplies of barley in the designated pool were 1 220 023 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for

**TABLE J — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1981-82 POOL ACCOUNT — DESIGNATED BARLEY**  
For the period August 1, 1981, to October 31, 1982  
with prior year figures for the 1980-81 Pool Account for comparison

	1981-82 Pool Account		1980-81 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	1 220 023 tonnes		894 644 tonnes	
Sales value .....	\$220,583,822	\$180.803	\$177,668,276	\$198.591
Initial payments to producers .....	<u>190,656,652</u>	<u>156.273</u>	<u>148,085,354</u>	<u>165.524</u>
Gross Surplus .....	<u>29,927,170</u>	<u>24.530</u>	<u>29,582,922</u>	<u>33.067</u>
Deduct Operating Costs: .....				
Interest.....	( 5,057,271)	( 4.146)	( 5,655,014)	( 6.321)
Interest & depreciation on Wheat				
Board hopper cars.....	785,412	.644	720,853	.806
Wheat Board administrative expenses	<u>1,236,641</u>	<u>1.014</u>	<u>744,219</u>	<u>.832</u>
Total Operating Costs .....	<u>( 3,035,218)</u>	<u>( 2.488)</u>	<u>( 4,189,942)</u>	<u>( 4.683)</u>
Surplus on Operations .....	32,962,388	27.018	33,772,864	37.750
Add: Interest earned after October 31 ..	1,106,272	.907	1,594,727	1.783
Deduct: Cost of issuing final payment ..	<u>12,774</u>	<u>.011</u>	<u>17,847</u>	<u>.020</u>
Surplus for Distribution to Producers ...	<u>\$ 34,055,886</u>	<u>27.914</u>	<u>\$ 35,349,744</u>	<u>\$ 39.513</u>

**TABLE K — TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED  
BARLEY**  
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Designated Barley Grades</b>			
No. 1 Canada Western Six-Row .....	159.27	27.518	186.788
No. 2 Canada Western Six-Row .....	158.00	27.788	185.788
No. 2 Canada Western Two-Row .....	158.00	27.788	185.788
No. 1 Feed .....	154.77	28.023	182.793
No. 2 Feed .....	152.77	27.395	180.165



the use of malting, pot or pearling. Of these receipts 569 063 tonnes or 46.64 per cent were row grades and 650 960 tonnes or 53.36 per cent were feeding grades. Receipts of tough and damp grades totaled 2 213 tonnes or .20 per cent of total.

**Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table J**

Table J shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$32,962,388. As to operating costs, it should be noted that the Designated Barley by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's sample and is shipped on buyer's call directly from farm to

processing plant via the country elevator. As a result the only expenses incurred attributable to such barley were costs related to Wheat Board hopper cars and Wheat Board administrative charges totaling \$2,022,053 or \$1.658 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$5,057,271 or \$4.146 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1982, the net surplus for distribution to producers was \$34,055,886 or \$27.914 per tonne on producer deliveries of 1 220 023 tonnes. This is compared to \$35,349,744 or \$39.513 per tonne for the previous year. Table K shows the total payment received by producers for the principal grades of Designated Barley. The final return to producers for deliveries of No. 2 Canada Western Six-Row was \$185.788 per tonne, compared to \$207.304 in the previous pool.





## ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS  
Chief Commissioner

R. L. KRISTJANSON  
Assistant Chief Commissioner

J. L. LEIBFRIED  
Commissioner

F. M. HETLAND  
Commissioner





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**July 31, 1982**

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31, 1982

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Statement of Advance Payments to Producers under  
the Prairie Grain Advance Payments Act

**AUDITOR'S REPORT**





## BALANCE SHEET AS AT JULY 31, 1982

(with prior year figures for comparison)

	1982	1981
<b>ASSETS</b>		
Stocks of grain:		
Wheat stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay, Vancouver or Churchill .....	\$1,019,615,889	\$1,258,046,070
Durum stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay, Vancouver or Churchill .....	194,820,809	219,945,527
Oats stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay or Vancouver .....	21,180,065	562,137
Designated Oats stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay or Vancouver .....	451,832	—
Barley stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay, Vancouver or Churchill .....	213,647,113	247,453,555
Designated Barley stocks — stated at the ultimate value received from the sale thereof basis in store Thunder Bay or Vancouver .....	17,518,775	19,729,098
Bills of exchange plus accrued interest:		
Receivable in Canadian funds .....	1,918,030,988	1,618,988,864
Receivable in United States funds converted at forward sales values or the prevailing rate of exchange .....	554,649,041	195,350,054
Accounts receivable:		
Sundry .....	75,123,725	69,151,342
Prairie Grain Advance Payments Act .....	4,621,839	—
Due from the Government of Canada re deficit on Pool Account operations:		
1981-82 Pool Account — Oats .....	2,291,454	—
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation .....	2,382,463	2,492,600
Covered hopper cars, at cost less depreciation .....	82,674,218	86,024,652
Office furniture, equipment and automobiles, at cost less depreciation ..	878,503	931,175
Deferred and prepaid expenses .....	1,296,799	1,800,054
	<u>\$4,109,183,513</u>	<u>\$3,720,475,128</u>

# THE CANADIAN WHEAT BOARD



	1982	1981
<b>LIABILITIES</b>		
Liability to the Banks .....	\$2,431,038,538	\$1,676,403,453
Liability to agents for grain purchased from producers but not yet delivered to the Board .....	843,806,200	1,114,178,600
Liability to agents for deferred cash tickets .....	190,679,446	291,162,031
Accrued expenses and accounts payable .....	63,465,713	96,269,193
Prairie Grain Advance Payments Act .....	—	1,259,323
Outstanding adjustment and final payment cheques to producers:		
— Wheat .....	510,621	1,388,214
— Durum .....	21,550	250,957
— Oats .....	2,595	2,550
— Barley .....	101,049	199,095
— Designated Barley .....	12,099	16,514
Special Account — net balance of undistributed payment accounts ....	7,095,704	5,989,927
Provision for final payment expenses .....	7,532,538	6,899,509
Surpluses resulting from operations:		
1981-82 Pool Account:		
— Wheat .....	434,322,524	419,831,046
— Durum .....	57,472,741	1,156,364
— Oats .....	—	528,074
— Designated Oats .....	1,849,882	—
— Barley .....	38,309,925	71,167,414
— Designated Barley .....	32,962,388	33,772,864

1981-82 Pool Account

\$3,720,475,128



1981-82 POOL ACCOUNT — WHEAT

For the period August 1, 1981, to completion of operations on October 31, 1982  
(with prior year figures for the 1980-81 Pool Account for comparison)

Wheat acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Wheat .....

Wheat sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Wheat .....

Surplus on Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Wheat stored in country elevators .....  
Storage on Wheat stored in terminal elevators .....

Interest, bank charges and net interest on other Board accounts .....  
Demurrage .....  
Net additional freight on Wheat shipped from country stations to terminal position .....  
Handling and stop-off on Wheat warehoused at interior terminals .....  
Drying charges .....  
Protein grading development program .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Wheat, for the period from August 1,  
1981, to October 31, 1982 .....



# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1981-82</u>		<u>1980-81</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
16 936 279	\$2,912,973,613	17 766 221	\$3,376,762,070
51 322	8,856,836	43 798	11,168,317
1 671 270	354,527,556	—	—
<u>18 658 871</u>	<u>3,276,358,005</u>	<u>17 810 019</u>	<u>3,387,930,387</u>
1 353 620		1 594 432	
12 070 817		10 350 614	
6 927		907	
<u>13 431 364</u>	<u>2,857,142,012</u>	<u>11 945 953</u>	<u>2,743,149,690</u>
438 520		389 558	
4 520 969		3 803 238	
268 018		1 671 270	
<u>5 227 507</u>	<u>1,019,615,889</u>	<u>5 864 066</u>	<u>1,258,046,070</u>
<u>18 658 871</u>	<u>3,876,757,901</u>	<u>17 810 019</u>	<u>4,001,195,760</u>
	<u>600,399,896</u>		<u>613,265,373</u>
	109,082,332		116,355,687
	15,683,076		8,827,509
	124,765,408		125,183,196
	9,736,167		35,482,063
	4,098,946		1,565,628
	1,975,909		2,220,503
	194,716		220,662
	21,815		216,939
	212,333		1,338,193
	10,903,063		14,314,999
	14,169,015		12,892,144
	<u>166,077,372</u>		<u>193,434,327</u>
	<u>\$434,322,524</u>		<u>\$419,831,046</u>



**1981-82 POOL ACCOUNT — AMBER DURUM WHEAT**

For the period August 1, 1981, to completion of operations on October 31, 1982  
(with prior year figures for the 1980-81 Pool Account for comparison)

**Durum acquired:**

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Durum .....

**Durum sold:**

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account-Durum .....

Surplus on Amber Durum Wheat transactions .....

**Operating costs:**

Carrying charges:  
Carrying charges on Durum stored in country elevators .....  
Storage on Durum stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Net additional freight on Durum shipped from country stations to terminal position .....  
Handling and stop-off on Durum warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Durum, for the period from August 1,  
1981, to October 31, 1982 .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1981-82		1980-81	
Tonnes	Amount	Tonnes	Amount
2 572 014	\$443,013,398	2 821 972	\$666,703,025
12 062	2,078,142	18 006	4,099,079
272 730	56,738,219		
<u>2 856 806</u>	<u>501,829,759</u>	<u>2 839 978</u>	<u>670,802,104</u>
159 087		99 080	
1 681 408		1 735 181	
(16)		7 408	
<u>1 840 479</u>	<u>385,609,143</u>	<u>1 841 669</u>	<u>481,065,508</u>
58 043		29 833	
824 838		695 746	
133 446		272 730	
<u>1 016 327</u>	<u>194,820,809</u>	<u>998 309</u>	<u>219,945,527</u>
<u>2 856 806</u>	<u>580,429,952</u>	<u>2 839 978</u>	<u>701,011,035</u>
	<u>78,600,193</u>		<u>30,208,931</u>
	15,617,945		19,750,485
	2,708,344		1,929,639
	18,326,289		21,680,124
	(1,642,619)		3,176,810
	47,616		(393,942)
	168,421		84,906
	417,628		233,025
	2,545		2,934
	1,655,780		2,273,783
	2,151,792		1,994,927
	<u>21,127,452</u>		<u>29,052,567</u>
	<u>\$57,472,741</u>		<u>\$1,156,364</u>



1981-82 POOL ACCOUNT — OATS

For the period August 1, 1981, to completion of operations on January 31, 1983

Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Purchased from prior year Pool Account — Oats .....	
Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Weight losses in transit and in drying .....	
Oats stocks — being Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for period subsequent to July 31 .....	
Sale to subsequent Pool Account-Oats .....	
Surplus on Oats transactions .....	
Operating costs:	
Carrying charges:	
Carrying charges on Oats stored in country elevators .....	
Storage on Oats stored in terminal elevators .....	
Interest and bank charges .....	
Net additional freight on Oats shipped from country stations to terminal position .....	
Drying charges .....	
Interest and depreciation on Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Deficit on operations of the Board on the Pool Account — Oats, for the period from August 1, 1981, to January 31, 1983 .....	



# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1981-82

<u>Tonnes</u>	<u>Amount</u>
343 761	\$37,767,451
3 731	450,074
<u>347 492</u>	<u>38,217,525</u>
169 766	20,720,796
(5)	—
145 708	17,753,364
32 023	3,426,701
<u>347 492</u>	<u>41,900,861</u>
	<u>3,683,336</u>
	2,548,039
	<u>933,435</u>
	3,481,474
	1,416,351
	349,973
	398
	221,303
	<u>505,291</u>
	<u>5,974,790</u>
	<u>\$2,291,454</u>



1981-82 POOL ACCOUNT — DESIGNATED OATS

For the period August 1, 1981, to completion of operations on October 31, 1982

Designated Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Designated Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Designated Oats stocks — being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31 .....	
Surplus on Designated Oats transactions .....	
Operating costs:	
Interest .....	
Interest and depreciation on Canadian Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus on operations of the Board on the Pool Account — Designated Oats, for the period from August 1, 1981, to October 31, 1982 .....	

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1981-82</u>	
<u>Tonnes</u>	<u>Amount</u>
<u>67 230</u>	<u>\$9,216,771</u>
64 440	10,526,765
2 790	451,832
<u>67 230</u>	<u>10,978,597</u>
	<u>1,761,826</u>
	(225,363)
	43,281
	94,026
	<u>(88,056)</u>
	<u>\$1,849,882</u>



1981-82 POOL ACCOUNT — BARLEY

For the period August 1, 1981, to completion of operations on October 31, 1982  
(with prior year figures for the 1980-81 Pool Account for comparison)

Barley acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account — Barley .....

Barley sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill .....  
Weight losses in transit and in drying .....  
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Complete sales for the period subsequent to July 31 .....  
Sale to the subsequent Pool Account — Barley .....

Surplus on Barley transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Barley stored in country elevators .....  
Storage on Barley stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Net additional freight on Barley shipped from country stations to terminal position .....  
Handling and stop-off on Barley warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account — Barley, for the period from August  
1, 1981, to October 31, 1982 .....



# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1981-82		1980-81	
Tonnes	Amount	Tonnes	Amount
5 542 873	\$686,722,549	4 723 319	\$615,999,061
24 507	2,997,441	9 176	1,274,892
221 439	30,387,533	—	—
<u>5 788 819</u>	<u>720,107,523</u>	<u>4 732 495</u>	<u>617,273,953</u>
4 054 521	586,353,127	3 030 519	479,450,096
897	—	3 266	—
1 341 050	167,791,155	1 477 271	217,066,022
392 351	45,855,958	221 439	30,387,533
<u>5 788 819</u>	<u>800,000,240</u>	<u>4 732 495</u>	<u>726,903,651</u>
	<u>79,892,717</u>		<u>109,629,698</u>
	22,095,032		20,194,560
	5,034,489		2,961,252
	27,129,521		23,155,812
	3,590,946		7,364,631
	1,195,839		(267,412)
	497,711		85,063
	(37,653)		6,416
	19,732		295,495
	3,568,324		3,805,781
	5,618,372		4,016,498
	<u>41,582,792</u>		<u>38,462,284</u>
	<u>\$38,309,925</u>		<u>\$71,167,414</u>



1981-82 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1981, to completion of operations on October 31, 1982  
(with prior year figures for the 1980-81 Pool Account for comparison)

Designated Barley acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Designated Barley sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31 .....	
Surplus on Designated Barley transactions .....	
Operating costs:	
Interest .....	
Interest and depreciation on Canadian Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus on operations of the Board on the Pool Account—Designated Barley, for the period from August 1, 1981, to October 31, 1982 .....	

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1981-82</u>		<u>1980-81</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
<u>1 220 023</u>	<u>\$190,656,652</u>	<u>894 644</u>	<u>\$148,085,354</u>
1 119 039	203,065,047	804 361	157,939,178
100 984	17,518,775	90 283	19,729,098
<u>1 220 023</u>	<u>220,583,822</u>	<u>894 644</u>	<u>177,668,276</u>
	<u>29,927,170</u>		<u>29,582,922</u>
	(5,057,271)		(5,655,014)
	785,412		720,853
	1,236,641		744,219
	<u>(3,035,218)</u>		<u>(4,189,942)</u>
	<u>\$32,962,388</u>		<u>\$33,772,864</u>



## STATEMENT OF ADMINISTRATIVE AND GENERAL

**For the year ended July 31, 1982**  
**(with prior year figures for comparison)**

<b>Administrative and General Expenses:</b>	<b>1981-82</b>	<b>1980-81</b>
Salaries — Board members, officers and staff .....	\$13,339,108	\$10,840,363
Unemployment insurance, pension, group insurance, medical & other employee benefits .....	1,552,925	1,466,565
Advisory Committee—travelling expenses and per diem allowances .....	92,194	69,175
Rental & lighting of offices including maintenance of The Canadian Wheat Board Building .....	1,426,576	1,304,987
Telephones—exchange service & long distance calls .....	287,897	247,120
Telegrams, cables & telex expense .....	146,363	129,199
Postage .....	565,735	441,179
Printing, stationery & supplies .....	707,108	607,759
Annual report, mini report & "Grain Matters", etc. ....	152,080	139,487
District meetings .....	24,860	13,775
Office expense .....	546,963	527,705
Travelling & transfer of staff .....	691,018	629,550
Travelling expenses—inspectors .....	153,052	147,234
Legal fees and court costs .....	83,522	65,758
Audit fees .....	80,000	80,000
Computing equipment—rental & sundries .....	1,764,540	1,697,344
Repair & upkeep of office machines & equipment .....	33,136	32,207
Grain market publications & services .....	73,822	50,415
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute .....	674,303	591,542
Bonds and insurance .....	28,756	26,130
Winnipeg Commodity Exchange dues .....	11,870	10,830
Depreciation on building, furniture, equipment & automobiles .....	332,161	292,991
	<u>\$22,767,989</u>	<u>\$19,411,315</u>



# THE CANADIAN WHEAT BOARD



## EXPENSES AND ALLOCATIONS TO OPERATIONS

### Allocations to Operations:

	1981-82	1980-81
1. Marketing of Producers' Grain		
1981-82 Pool Account—Wheat .....	\$8,200,519	
1981-82 Pool Account—Durum .....	1,245,391	
1981-82 Pool Account—Oats .....	293,739	
1981-82 Pool Account—Designated Oats .....	57,447	
1981-82 Pool Account—Barley .....	3,354,883	
1981-82 Pool Account—Designated Barley .....	738,432	
1980-81 Pool Account—Wheat .....	5,544,591	
1980-81 Pool Account—Durum .....	857,969	
1980-81 Pool Account—Oats .....	8,072	
1980-81 Pool Account—Barley .....	1,647,310	
1980-81 Pool Account—Designated Barley .....	305,231	
	22,253,584	19,001,947
2. Distributing Final Payments to Producers		
(a) Wheat & Durum		
1980-81 Pool Account—Wheat .....		
1980-81 Pool Account—Durum .....		
1979-80 Pool Account—Wheat .....	44,889	
1979-80 Pool Account—Durum .....	7,630	
1978-79 Pool Account—Wheat .....		
1978-79 Pool Account—Durum .....	941	
1977-78 Pool Account—Wheat .....	2,136	
1976-77 Pool Account—Wheat .....	1,727	
1975-76 Pool Account—Wheat .....		
		281,477
(b) Coarse Grains		
1980-81 Pool Account—Oats .....	10,051	
1980-81 Pool Account—Barley .....	117,292	
1980-81 Pool Account—Designated Barley .....	16,966	
1979-80 Pool Account—Barley .....	15,181	
1979-80 Pool Account—Designated Barley .....		
1978-79 Pool Account—Oats .....	523	
1978-79 Pool Account—Barley .....	2,263	
1978-79 Pool Account—Designated Barley .....	401	
1977-78 Pool Account—Barley .....	827	
1977-78 Pool Account—Designated Barley .....	148	
1976-77 Pool Account—Oats .....	186	
1976-77 Pool Account—Barley .....		
1976-77 Pool Account—Designated Barley .....		
1975-76 Pool Account—Oats .....		
1975-76 Pool Account—Barley .....		
1975-76 Pool Account—Designated Barley .....		
	167,510	127,891
	<u>\$22,767,989</u>	<u>\$19,411,315</u>

# EXHIBIT IX



## STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1982

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year .....	\$35,203,467	\$35,200,780	\$2,687
1958-59 Crop Year .....	34,369,653	34,366,684	2,969
1959-60 Crop Year .....	38,492,505	38,489,895	2,610
1960-61 Crop Year .....	63,912,550	63,904,660	7,890
1961-62 Crop Year .....	16,656,713	16,650,484	6,229
1962-63 Crop Year .....	29,251,526	29,245,974	5,552
1963-64 Crop Year .....	62,136,418	62,130,960	5,458
1964-65 Crop Year .....	32,961,844	32,955,187	6,657
1965-66 Crop Year .....	40,600,386	40,596,393	3,993
1966-67 Crop Year .....	36,668,270	36,664,056	4,214
1967-68 Crop Year .....	47,280,533	47,276,890	3,643
1968-69 Crop Year .....	151,852,319	151,758,980	93,339
1969-70 Crop Year .....	272,777,516	272,396,674	380,842
1970-71 Crop Year .....	91,105,890	91,072,163	33,727
1971-72 Crop Year .....	68,142,360	68,092,634	49,726
1972-73 Crop Year .....	20,754,104	20,732,011	22,093
1973-74 Crop Year .....	35,259,387	35,204,497	54,890
1974-75 Crop Year .....	46,635,399	46,518,530	116,869
1975-76 Crop Year .....	20,236,528	20,161,999	74,529
1976-77 Crop Year .....	130,592,220	130,292,682	299,538
1977-78 Crop Year .....	119,090,916	118,686,356	404,560
1978-79 Crop Year .....	151,316,450	151,085,865	230,585
1979-80 Crop Year .....	99,146,581	98,940,054	206,527
1980-81 Crop Year .....	61,640,150	61,466,706	173,444
1981-82 Crop Year .....	333,692,659	323,130,740	10,561,919
	<u>\$2,039,776,344</u>	<u>\$2,027,021,854</u>	
Balance to be refunded by Producers as at July 31, 1982 .....			12,754,490
Add:			
Bank interest to July 31, 1982, payable by the Government of Canada .....		79,658,053	
Less: Amount paid to July 31, 1982 .....		<u>79,527,504</u>	<u>130,549</u>
			12,885,039
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada .....		1,096,719	
Line Elevator Companies .....		91,896	
Interest received on default payments .....		<u>7,074,585</u>	<u>8,263,200</u>
Owing to The Canadian Wheat Board as at July 31, 1982 .....			<u>\$4,621,839</u>



# Deloitte Haskins + Sells

Chartered Accountants

360 Main Street  
Winnipeg, Manitoba  
(204) 949-1370

To The Canadian Wheat Board:

We have examined the financial statements and explanatory comments thereon of The Canadian Wheat Board, which comprise Part VI of The Annual Report of The Board for the crop year ended July 31, 1982. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements together with the explanatory comments thereon present fairly the financial position of The Board as at July 31, 1982 and the results of its operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.

*Deloitte Haskins + Sells*

Auditors

March 11, 1983



1 METRIC TONNE (For All Grains)	=	2,204.6226 pounds
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1 Metric Tonne

Bushels

Wheat	=	36.743710
Durum Wheat	=	36.743710
Oats	=	64.841841
Barley	=	45.929638
Rye	=	39.368261
Flaxseed	=	39.368261
Rapeseed	=	44.092452
Corn	=	39.368261





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TABLE I

ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES  
1958 to 1982

Crop Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed <sup>2</sup> 000 acres	Rapeseed <sup>3</sup> 000 acres	Total 000 acres
1958	20,407	1,125	21,532	5,898	9,164	432	2,531	626	40,183
1959	23,027	1,008	24,035	5,715	7,759	459	2,032	214	40,214
1960	23,038	938	23,976	6,431	6,743	492	2,488	763	40,893
1961	22,864	1,852	24,716	5,211	5,424	495	2,054	710	38,610
1962	22,907	3,423	26,330	7,240	5,177	571	1,398	371	41,087
1963	25,087	2,003	27,090	6,338	6,042	634	1,630	478	42,212
1964	27,427	1,773	29,200	5,136	5,325	637	1,918	791	43,007
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,937
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,028
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,873
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	46,117
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,155
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	35,016
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,917
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,909
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,344
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,219
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,822
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,333
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	48,203
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	48,325
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,912
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,466
1982 <sup>1</sup>	26,950	3,750	30,700	3,220	11,875	977	1,550	4240	52,562

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed acreage for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed acreage for British Columbia not available 1958 to 1966.

Source: Statistics Canada.



TABLE II

YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1958 to 1982

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rey	Flaxseed	Rapeseed
	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre
1958	477	385	471	496	553	328	221	283
1959	492	405	490	527	592	381	213	381
1960	569	528	566	595	610	450	226	331
1961	295	213	288	394	435	251	173	358
1962	574	522	566	697	677	475	277	361
1963	710	679	708	748	777	485	317	399
1964	545	494	542	631	657	434	256	378
1965	622	546	621	743	766	561	317	356
1966	754	727	754	723	862	594	297	383
1967	533	422	528	591	666	427	228	344
1968	601	522	593	722	786	470	325	418
1969	728	716	727	760	856	437	305	376
1970	705	718	708	811	890	566	366	404
1971	744	671	735	836	930	577	322	406
1972	678	633	672	786	897	518	337	397
1973	685	600	678	796	851	566	340	382
1974	595	548	588	638	738	561	241	368
1975	730	646	716	763	856	651	317	407
1976	843	817	841	856	980	706	345	471
1977	784	709	778	848	1 004	650	442	550
1978	807	781	803	805	979	772	440	501
1979	644	643	644	770	973	627	354	405
1980	689	617	680	820	971	547	323	483
1981	810	709	796	840	1 006	833	407	530
1982 <sup>1</sup>	885	876	884	944	1 080	814	482	499

<sup>1</sup> Subject to revision.

Source: Statistics Canada.



TABLE III

PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1958 to 1982

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed <sup>2</sup>	Rapeseed <sup>3</sup>	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1958	9 726	433	10 159	2 930	5 068	143	560	176	19 036
1959	11 339	408	11 747	3 014	4 589	173	431	81	20 035
1960	13 110	495	13 605	3 826	4 115	219	560	252	22 577
1961	6 749	395	7 144	2 059	2 359	124	354	255	12 295
1962	13 148	1 788	14 936	5 042	3 508	271	389	133	24 279
1963	17 821	1 361	19 182	4 736	4 691	308	516	190	29 623
1964	14 945	876	15 821	3 243	3 502	276	493	300	23 635
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 690
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 747
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 963
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 061
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 506
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 618
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 319
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 630
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 817
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 172
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 786
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 453
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 852
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 893
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 065
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	34 572
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 441
1982 <sup>1</sup>	23 840	3 285	27 125	3 041	12 882	795	747	2 114	46 704

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed production for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed production for British Columbia not available 1958 to 1966.

Source: Statistics Canada.





**TABLE IV**

**PRODUCERS' MARKETINGS -- WESTERN CANADIAN GRAINS**

**CROP YEARS 1957-58 to 1981-82**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1957-58	9 488	805	10 293	899	2 544	188	389	160	14 473
1958-59	9 346	662	10 008	606	2 674	119	444	147	13 998
1959-60	9 763	538	10 301	375	2 081	109	355	68	13 289
1960-61	10 169	614	10 783	580	1 914	148	461	217	14 103
1961-62	8 023	287	8 310	434	1 292	87	304	228	10 655
1962-63	11 690	1 218	12 908	1 372	1 752	238	344	129	16 743
1963-64	14 284	1 191	15 475	767	2 002	202	441	170	19 057
1964-65	13 439	836	14 275	632	1 632	187	428	247	17 401
1965-66	14 967	529	15 496	798	2 044	306	602	426	19 672
1966-67	16 577	633	17 210	593	2 454	279	511	472	21 519
1967-68	11 922	489	12 411	475	1 901	176	202	454	15 619
1968-69	10 846	670	11 516	641	1 780	97	389	399	14 822
1969-70	10 158	1 089	11 247	322	3 667	193	561	646	16 636
1970-71	8 838	1 621	10 459	898	5 136	295	856	1 395	19 039
1971-72	11 945	2 139	14 084	499	6 433	395	548	1 584	23 543
1972-73	15 359	1 875	17 234	501	5 156	235	466	1 428	25 020
1973-74	13 294	1 302	14 596	614	5 118	189	391	993	21 901
1974-75	10 182	1 315	11 497	621	4 555	265	274	935	18 147
1975-76	11 993	2 307	14 300	794	4 686	321	395	1 399	21 895
1976-77	13 410	1 532	14 942	846	5 814	301	246	1 030	23 179
1977-78	17 275	1 835	19 110	764	5 237	256	494	1 759	27 620
1978-79	12 987	1 486	14 473	363	5 364	247	425	2 945	23 817
1979-80	16 795	1 909	18 704	319	5 408	449	675	2 928	28 485
1980-81	15 902	2 722	18 624	391	6 430	354	424	2 153	28 376
1981-82 <sup>1</sup>	17 064	2 608	19 672	503	7 505	617	376	1 991	30 664

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1981-82.

All previous years: Statistics Canada "Grain Trade of Canada".

**TABLE V**

**PRIMARY ELEVATOR SHIPMENTS**

**CROP YEARS 1966-67 to 1981-82**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1966-67	15 897	736	16 633	611	2 517	293	511	360	20 925
1967-68	10 273	523	10 796	602	1 871	177	248	345	14 039
1968-69	9 977	624	10 601	537	1 797	113	375	318	13 741
1969-70	10 271	790	11 061	459	3 705	178	515	536	16 454
1970-71	10 972	1 564	12 536	686	4 851	255	737	1 108	20 173
1971-72	14 160	2 054	16 214	641	6 676	297	574	967	25 369
1972-73	15 061	1 853	16 914	589	4 662	290	507	1 239	24 201
1973-74	12 926	1 400	14 326	578	4 677	193	362	753	20 889
1974-75	11 173	1 577	12 750	528	4 838	213	279	679	19 287
1975-76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
1976-77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 879
1977-78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 801
1978-79	13 508	1 478	14 986	353	5 680	219	466	1 863	23 567
1979-80	16 402	2 144	18 546	564	5 733	389	490	1 893	27 615
1980-81	15 988	2 500	18 488	406	5 740	450	508	1 280	26 872
1981-82 <sup>1</sup>	17 643	2 638	20 281	465	7 459	507	394	1 285	30 391

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1981-82.

All previous years: Statistics Canada "Grain Trade of Canada".



TABLE VI

VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD  
CROP YEARS 1962-63 to 1981-82

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1962-63	4 827	649	5 476	552	637	165	209	—	7 039
1963-64	8 766	689	9 455	535	1 043	112	220	—	11 365
1964-65	6 740	804	7 544	677	940	121	255	14	9 551
1965-66	9 338	783	10 121	599	1 059	157	322	30	12 288
1966-67	8 909	788	9 697	552	1 434	184	305	34	12 206
1967-68	4 301	415	4 716	437	825	85	223	8	6 294
1968-69	4 370	603	4 973	309	895	84	167	25	6 453
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 871
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 293
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 064
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 862
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 069
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 029
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 396
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 923
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 599
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 067
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 641
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 952
1981-82 <sup>1</sup>	8 739	2 019	10 758	199	2 725	372	229	136	14 419

<sup>1</sup> Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" to 1980-81.

1981-1982 — Canadian Grain Commission — 451.21.

**TABLE VII**  
**CANADIAN WHEAT SUPPLIES AND DISPOSITION**  
**CROP YEARS 1962-63 to 1982-83**

Crop Year	Inward Carryover <sup>1</sup> August 1st		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>3</sup>		Exports <sup>1</sup> Wheat and Flour	Total Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial <sup>4</sup> 000 tonnes		
1962-63	1 610	9 032	15 393	26 035	2 249	1 508	9 018	13 260
1963-64	1 761	11 500	19 690	32 951	2 478	1 788	16 181	12 504
1964-65	3 283	9 221	16 349	28 853	2 194	1 822	10 875	13 962
1965-66	2 969	10 993	17 674	31 636	2 313	1 971	15 918	11 434
1966-67	2 722	8 712	22 516	33 950	2 425	1 941	14 024	15 560
1967-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	18 302
1968-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	23 183
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 452
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 980
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 887
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 945
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 089
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 036
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 979
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 318
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 672	2 509	16 262	8 570
1981-82 <sup>3</sup>	1 645	6 925	24 803	33 373	2 845	2 322	18 447	9 759
1982-83 <sup>3</sup>	3 605	6 154	27 620	37 379				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>3</sup> Subject to revision.

<sup>4</sup> Human food consumption in 1980-81 amounted to 1 839 500 tonnes. In 1981-82 the amount was 1 895 000 tonnes.

**TABLE VIII**  
**CANADIAN OATS SUPPLIES AND DISPOSITION**  
**CROP YEARS 1962-63 to 1982-83**

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup>	Total Outward <sup>1</sup> Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1962-63	877	342	7 597	8 816	5 664	500	335	2 317
1963-64	1 425	893	6 876	9 194	5 542	596	289	2 767
1964-65	1 986	780	5 352	8 118	5 301	570	240	2 007
1965-66	1 399	608	6 168	8 175	5 358	611	246	1 961
1966-67	1 403	558	5 716	7 677	5 194	639	74	1 770
1967-68	1 326	444	4 654	6 424	4 570	535	63	1 264
1968-69	925	339	5 501	6 765	4 323	416	42	1 981
1969-70	1 457	527	5 473	7 457	4 603	487	75	2 288
1970-71	2 005	283	5 445	7 733	5 144	449	206	1 934
1971-72	1 406	528	5 640	7 574	5 067	523	161	1 823
1972-73	1 480	343	4 665	6 488	4 642	510	107	1 229
1973-74	1 002	227	5 070	6 299	4 573	519	13	1 194
1974-75	895	299	3 977	5 171	3 510	506	22	1 133
1975-76	741	392	4 480	5 613	3 624	477	281	1 231
1976-77	802	429	4 831	6 062	3 753	487	494	1 328
1977-78	1 033	295	4 283	5 611	3 349	497	90	1 675
1978-79	1 203	472	3 568	5 243	3 305	401	17	1 520
1979-80	1 103	417	2 879	4 399	2 961	444	108	891
1980-81	702	189	2 911	3 802	2 611	385	46	760
1981-82 <sup>4</sup>	610	150	3 188	3 948	2 655	387	51	855
1982-83 <sup>4</sup>	640	215	3 776	4 631				

Source: Statistics Canada.

Source: Statistics Canada "Grain Trade of Canada". Includes Rolled Oats, Oatmeal and Seed Oats.

A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>1</sup> Subject to revision.

TABLE IX

### CANADIAN BARLEY SUPPLIES AND DISPOSITION CROP YEARS 1962-63 to 1982-83

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup>	Total Outward Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes	000 tonnes	000 tonnes	Farm 000 tonnes	Commercial 000 tonnes	000 tonnes	000 tonnes
1962-63	572	687	3 611	4 870	1 801	791	335	1 941
1963-64	630	1 313	4 817	6 760	2 134	1 029	1 022	2 575
1964-65	1 306	1 269	3 668	6 243	2 558	946	806	1 933
1965-66	780	1 153	4 753	6 686	2 760	970	828	2 128
1966-67	718	1 410	6 450	8 578	3 245	1 190	1 275	2 868
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	2 850
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	4 298
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 673	4 341	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 626	3 798	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 641	3 589	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 905	3 862	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 081	4 147	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 748	3 550	3 203
1981-82 <sup>4</sup>	1 140	2 063	13 724	16 927	5 340	1 415	6 011	4 161
1982-83 <sup>4</sup>	1 980	2 181	14 074	18 235				

<sup>1</sup> Source: Statistics Canada.<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Export Barley and Pot and Pearl Barley.<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.<sup>4</sup> Subject to revision.

TABLE X

### CANADIAN GRAIN STORAGE POSITION 1963 to 1982 VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31ST<sup>1</sup>

Year	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	U.S. and Foreign Grain 000 tonnes	Total 000 tonnes	Total Licensed Capacity <sup>2</sup> 000 tonnes
1963	11 500	893	1 313	92	81	12	163	14 054	17 975
1964	9 221	780	1 269	137	133	20	193	11 753	18 213
1965	10 993	608	1 153	168	156	28	201	13 307	18 389
1966	8 712	558	1 410	207	227	68	211	11 393	18 445
1967	10 117	444	1 410	155	262	110	200	12 698	18 566
1968	11 689	339	1 298	141	104	170	209	13 950	18 982
1969	13 053	527	1 326	93	104	99	219	15 421	19 050
1970	12 682	283	1 700	151	136	79	284	15 315	19 051
1971	9 235	528	1 799	192	409	246	143	12 552	18 885
1972	7 410	344	1 956	261	255	609	206	11 041	18 318
1973	6 815	226	2 287	221	180	460	389	10 578	17 986
1974	7 884	299	3 101	203	163	247	313	12 210	17 626
1975	6 405	392	2 994	251	155	309	124	10 630	17 868
1976	6 401	429	1 675	223	330	697	142	9 897	17 518
1977	6 160	295	2 086	289	186	174	128	9 318	16 974
1978	7 108	472	2 095	212	367	291	201	10 746	16 858
1979	5 957	417	1 695	248	244	819	255	9 635	16 748
1980	6 448	189	906	279	440	1 137	349	9 748	16 631
1981	6 925	150	2 063	169	228	924	213	10 672	16 353
1982 <sup>4</sup>	6 154	215	2 181	231	221	621	176	9 799	16 071

<sup>1</sup> Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill or feed plants for processing.<sup>2</sup> For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.<sup>3</sup> Metric tonnes expressed in wheat equivalent.<sup>4</sup> Subject to revision.





TABLE XI

EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS  
CROP YEARS 1957-58 to 1981-82

Crop Year	Wheat <sup>1</sup> 000 tonnes	Flour <sup>2</sup> 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed <sup>3</sup> 000 tonnes	Rapeseed <sup>4</sup> 000 tonnes	Corn 000 tonnes	Total 000 tonnes
1957-58	7 618	1 099	404	1 748	138	365	146	3	11 521
1958-59	7 006	1 010	116	1 534	82	372	146	3	10 269
1959-60	6 541	1 006	94	1 388	115	322	67	2	9 535
1960-61	8 643	971	41	1 027	66	366	184	2	11 300
1961-62	8 878	870	53	934	111	316	158	2	11 322
1962-63	8 276	742	335	335	186	330	130	1	10 335
1963-64	14 687	1 494	289	1 022	140	362	121	2	18 117
1964-65	10 017	858	240	806	123	398	210	7	12 659
1965-66	14 881	1 038	246	828	204	495	309	9	18 010
1966-67	13 157	867	74	1 275	253	433	313	2	16 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 341	299	212	820	233	18 522
1976-77	12 711	725	494	3 798	168	369	1 449	180	19 894
1977-78	15 246	794	90	3 589	271	282	1 476	323	22 071
1978-79	12 302	782	17	3 862	154	514	2 287	192	20 110
1979-80	15 215	674	103	4 147	397	462	2 420	344	23 762
1980-81	15 569	693	46	3 550	446	542	2 212	1 051	24 109
1981-82	17 973	474	51	6 011	547	434	2 040	1 281	28 811

<sup>1</sup> Wheat exports include bagged Seed Wheat.

<sup>2</sup> Wheat equivalent.

<sup>3</sup> Flaxseed exports include Linseed Oil.

<sup>4</sup> Rapeseed exports for the years 1964-65 to 1972-73 do not include Rapeseed Oil exports. The years 1957-58 to 1963-64 include Rapeseed Oil exports. The years 1973-74 to 1981-82 include Rapeseed Oil and Rapeseed Meal exports.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1981-82.

All previous years: Statistics Canada "Grain Trade of Canada".



TABLE XII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1972-73 to 1981-82

Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	142	37	57	4	38	71	36	12	—	16
Denmark	—	—	—	—	—	—	1	1	—	—
France	11	41	51	29	30	81	62	4	12	88
Germany, Federal Republic	228	354	93	86	356	66	15	12	1	18
Greece	—	4	—	—	—	—	—	—	—	—
Ireland	51	—	—	—	—	—	—	—	—	1
Italy	413	615	658	629	546	894	544	723	765	515
Netherlands	124	34	156	62	197	221	62	70	22	38
United Kingdom	1 187	1 238	1 567	1 189	1 431	1 526	1 312	1 361	1 409	1 366
TOTAL EEC	2 042	2 209	2 381	1 990	2 359	2 859	2 004	2 193	2 209	2 042
OTHER WESTERN EUROPE:										
Austria	2	3	—	—	—	—	—	—	—	—
Finland	4	—	—	—	—	6	88	9	6	29
Malta	9	11	22	—	—	—	—	—	—	—
Norway	—	65	83	112	118	67	67	137	10	57
Portugal	14	29	4	—	—	57	39	43	17	—
Spain	—	—	—	—	—	26	54	—	51	—
Sweden	1	—	—	—	—	1	4	1	—	—
Switzerland	78	173	36	60	52	77	63	71	54	49
TOTAL OTHER WESTERN EUROPE	105	261	138	162	160	160	160	261	138	135
EASTERN EUROPE:										
Albania	109	69	43	24	—	—	—	—	—	—
Czechoslovakia	—	—	—	—	67	—	—	6	—	14
Germany, People's Rep. of	—	—	—	—	292	32	74	10	67	—
Poland	74	108	60	369	868	686	583	1 487	1 091	1 674
Romania	—	—	—	473	84	—	—	—	—	—
U.S.S.R.	4 440	979	352	3 236	1 043	2 146	1 429	2 579	3 971	5 019
Yugoslavia	—	60	—	—	130	88	—	127	—	—
TOTAL EASTERN EUROPE	4 623	1 116	405	4 102	1 312	2 912	2 566	4 209	5 129	6 707
TOTAL EUROPE	6 665	3 325	2 786	6 092	3 671	5 771	4 570	6 402	7 338	8 749
AFRICA:										
Algeria	238	371	564	83	508	462	335	598	654	590
Benin	—	—	—	—	—	—	—	1	—	—
Dahomey	1	—	—	—	—	—	—	—	—	—
Ethiopia	—	4	26	5	—	86	15	51	81	45
French Africa NES	—	2	3	—	—	—	—	—	—	—
Ghana	47	70	42	79	117	104	76	98	25	45
Ivory Coast	1	—	—	—	—	—	—	—	—	1
Kenya	—	—	—	—	—	—	—	—	—	16
Libya	—	—	—	—	22	—	—	28	81	291
Mauritania	—	8	4	—	5	8	10	—	2	—
Morocco	21	—	56	34	88	275	100	129	12	15
Mozambique	—	—	—	—	32	11	11	—	5	16
Niger	—	—	—	5	—	—	—	—	—	2
Nigeria	92	35	18	—	23	3	20	28	—	—
Rwanda	—	—	—	—	—	—	1	—	—	—
Senegal	—	—	—	—	5	10	2	6	8	9
Somalia	—	—	—	—	10	—	—	—	—	7
Sudan	—	—	—	—	1	—	—	7	—	—
Tanzania	—	—	42	21	24	34	38	—	10	13
Togo	—	—	2	—	6	5	3	8	—	—
Tunisia	33	16	11	—	47	41	73	49	23	10
Uganda	—	—	—	—	—	—	—	8	—	—
Zaire	—	—	—	—	—	—	1	—	—	—
Zambia	16	45	75	—	—	—	—	17	—	—
Zimbabwe	—	—	—	—	—	—	—	3	—	—
TOTAL AFRICA	2 801	1 061	801	1 060	1 060	1 039	1 061	1 061	801	1 060



Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>MIDDLE EAST:</b>										
Arab Rep. of Egypt	—	—	—	—	258	409	117	—	—	316
Cyprus	—	—	—	—	13	8	—	—	—	—
Iran	—	—	—	—	—	—	—	110	96	73
Iraq	—	1	207	111	209	233	102	428	452	258
Israel	17	—	1	—	—	1	—	—	—	—
Jordan	—	—	—	—	1	—	—	—	—	—
Lebanon	57	213	161	82	25	105	221	75	119	91
Qatar	—	—	10	—	—	—	—	—	—	—
Saudi Arabia	11	4	8	—	—	—	—	—	—	—
Syria	46	47	—	—	84	281	—	20	—	—
Turkey	—	93	—	—	—	—	—	—	—	—
Yemen, P.D.R.	1	14	2	27	2	8	1	—	6	—
<b>TOTAL MIDDLE EAST:</b>	<b>132</b>	<b>372</b>	<b>389</b>	<b>220</b>	<b>—</b>	<b>1 045</b>	<b>441</b>	<b>633</b>	<b>—</b>	<b>—</b>
<b>ASIA:</b>										
Afghanistan	14	—	3	—	7	34	13	21	—	—
Bangladesh	199	314	332	154	190	222	337	428	1 000	1 000
Burma	26	—	5	—	—	—	—	—	—	—
China, People's Rep. of	4 172	1 462	2 244	1 207	2 074	3 469	3 102	2 516	2 875	3 101
Hong Kong	18	25	8	13	34	30	34	37	16	—
India	442	492	368	539	79	—	—	—	40	—
Indonesia	49	92	61	20	148	—	—	24	—	—
Japan	1 381	1 705	1 191	1 574	1 246	1 419	1 226	1 336	1 321	1 367
Korea, Dem. People's Rep.	—	132	—	—	36	—	—	—	—	—
Korea, South	—	—	—	—	29	—	—	—	—	—
Malaysia	17	16	—	—	7	3	20	10	10	—
Nepal	—	—	—	—	—	—	—	13	1	—
Pakistan	189	331	84	161	58	89	150	34	—	—
Philippines	162	93	159	8	363	—	—	27	—	—
Singapore	20	1	—	—	—	23	4	—	—	—
Sri Lanka	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	22	—	—	79	—	—
Viet-Nam	—	—	—	—	12	118	22	—	—	—
<b>TOTAL ASIA:</b>	<b>6 689</b>	<b>4 663</b>	<b>4 455</b>	<b>3 676</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>WESTERN HEMISPHERE:</b>										
Barbados	—	—	—	—	—	1	4	4	—	—
Brazil	425	841	858	597	1 031	782	948	1 270	1 004	1 000
Chile	—	—	—	—	—	75	—	—	—	—
Costa Rica	—	6	—	—	—	—	—	—	—	—
Cuba	196	300	328	470	339	496	523	866	656	700
Dominican Republic	—	—	—	—	—	3	—	—	—	—
Guatemala	1	—	—	—	—	—	—	—	—	—
Haiti Republic	55	50	25	32	53	71	38	33	37	—
Jamaica	11	—	—	8	23	30	51	62	45	—
Mexico	—	41	—	—	—	91	21	71	27	100
Nicaragua	—	—	—	—	—	—	—	—	—	—
Peru	178	161	93	96	62	78	124	48	—	—
St. Vincent	—	—	—	—	—	16	21	4	—	—
Trinidad & Tobago	10	7	—	11	85	60	87	8	—	—
Venezuela	12	4	52	3	44	—	15	4	—	15
United States	—	77	—	22	35	—	—	—	—	—
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>888</b>	<b>1 487</b>	<b>1 356</b>	<b>1 239</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>TOTAL BULK WHEAT:</b>	<b>15 045</b>	<b>10 893</b>	<b>10 225</b>	<b>11 635</b>	<b>12 709</b>	<b>15 239</b>	<b>12 299</b>	<b>15 212</b>	<b>10 567</b>	<b>12 972</b>
<b>BAGGED SEED WHEAT:</b>	<b>11</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>GRAND TOTAL:</b>	<b>15 056</b>	<b>10 902</b>	<b>10 228</b>	<b>11 637</b>	<b>—</b>	<b>—</b>	<b>12 302</b>	<b>15 215</b>	<b>—</b>	<b>—</b>

Source: Canadian Grain Commission "Canada Grain Exports" for 1981-82.  
All previous years: Statistics Canada "Grain Trade of Canada".



TABLE XIII

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1972-73 to 1981-82

Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC	27	5	4	5	3	—	—	—	2	1
Other Western Europe	3	2	4	4	3	5	4	4	4	4
TOTAL WESTERN EUROPE	30	7	8	9	6	5	4	4	6	5
EASTERN EUROPE:						2			248	
TOTAL EUROPE	30	7	8	9	6	7	4	4	254	5
AFRICA:										
Arab Republic of Egypt	31	—	—	15	34	42	38	31	12	32
Algeria	—	—	1	—	—	—	2	7	11	5
Others	31	41	36	2	5	9	9	10	16	48
TOTAL AFRICA	62	41	37	17	39	51	49	48	39	85
MIDDLE EAST:	18	16	19	35	14	29	36	27	10	25
ASIA:										
Korea South	—	—	—	39	6	48	31	2	17	—
Sri Lanka	57	16	3	33	71	27	51	3	—	—
Thailand	2	2	1	1	1	1	1	1	1	1
Viet Nam	—	—	—	13	18	98	49	42	—	—
Others	15	5	4	4	7	9	4	5	3	2
TOTAL ASIA	74	23	8	64	103	183	138	53	21	3
WESTERN HEMISPHERE:										
Bahamas	5	5	5	5	4	5	4	5	4	4
Barbados	10	8	7	8	5	5	6	3	3	3
Bermuda	3	3	3	3	2	3	3	4	4	3
Cuba	372	403	420	478	506	493	509	471	326	320
Haiti Republic	12	—	1	4	6	—	8	35	11	1
Jamaica	4	5	5	3	3	3	16	3	4	6
Leeward & Windward Islands	21	19	18	19	13	9	3	3	2	2
Trinidad & Tobago	12	6	4	1	13	3	2	2	3	3
United States	3	3	10	2	1	1	2	2	7	8
Others	9	3	5	5	1	2	4	13	6	6
TOTAL WESTERN HEMISPHERE	448	452	488	511	555	524	557	541	350	356
GRAND TOTAL	478	459	550	699	725	94	602	673	604	474

<sup>1</sup> Subject to revision.

Source: Statistics Canada.





TABLE XIV

CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1972-73 to 1981-82

Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	23	4	13	2	8	—	4	6	—	13
Denmark	—	—	—	—	—	—	1	1	—	—
France	—	32	47	27	27	75	62	—	12	88
Germany, Federal Republic	165	188	78	75	43	14	15	—	1	18
Greece	—	4	—	—	—	—	—	—	—	—
Ireland	16	—	—	—	—	—	—	—	—	1
Italy	134	260	536	386	213	762	376	628	526	423
Netherlands	50	1	8	34	48	97	58	47	13	24
United Kingdom	18	30	24	10	43	32	7	7	12	5
TOTAL EEC:	406	519	706	534	382	980	523	689	564	572
OTHER WESTERN EUROPE:										
Austria	2	3	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	3	—
Norway	—	—	—	21	—	2	6	6	10	—
Portugal	13	29	4	—	—	—	14	29	17	—
Spain	—	—	—	—	—	26	40	—	51	—
Sweden	1	—	—	—	—	1	4	1	—	—
Switzerland	50	67	13	49	26	20	16	21	24	27
TOTAL OTHER WESTERN EUROPE:	66	99	17	70	26	49	80	57	105	27
EASTERN EUROPE:										
Czechoslovakia	—	—	—	—	25	—	—	6	—	14
Germany, People's Republic of	—	—	—	—	—	—	—	10	32	—
Poland	69	107	61	25	175	14	100	255	93	112
U.S.S.R.	416	66	—	838	447	396	222	254	496	860
TOTAL EASTERN EUROPE:	485	173	61	863	647	410	322	525	621	986
TOTAL EUROPE:	957	791	784	1 467	1 055	1 439	925	1 271	1 290	1 585
AFRICA:										
Algeria	238	371	564	83	508	462	336	595	654	589
Libya	—	—	—	—	22	—	—	10	24	52
Mauritania	—	—	—	—	5	—	—	—	2	—
Morocco	—	—	39	—	24	—	—	—	—	—
Niger	—	—	—	5	—	—	—	—	—	—
Senegal	—	—	—	—	5	—	—	—	—	—
Tunisia	33	—	—	—	24	41	73	38	23	—
TOTAL AFRICA:	271	371	603	97	588	503	409	643	703	641
MIDDLE EAST:										
Israel	—	—	—	—	—	1	—	—	—	—
Lebanon	56	79	—	—	—	—	—	—	—	—
TOTAL MIDDLE EAST:	56	79	—	—	—	1	—	—	—	—
ASIA:										
Bangladesh	73	—	—	76	33	7	—	5	—	—
China, People's Republic of	250	—	—	—	—	—	—	—	—	—
India	3	—	—	—	—	—	—	—	—	—
Japan	4	9	13	—	—	—	—	—	48	32
Pakistan	7	—	—	—	—	—	—	—	—	—
Philippines	1	—	—	—	—	—	—	—	—	—
TOTAL ASIA:	338	9	13	76	33	7	—	5	48	32
WESTERN HEMISPHERE:										
Cuba	10	14	19	22	20	18	16	25	34	48
Guatemala	2	—	—	—	—	—	—	—	—	—
Venezuela	—	—	3	3	—	—	—	4	—	4
TOTAL WESTERN HEMISPHERE:	12	14	22	25	20	18	16	29	34	52
GRAND TOTAL:	1 634	1 264	1 422	1 665	1 696	1 968	1 350	1 948	2 075	2 310

Source: Canadian Grain Commission for 1981-82.

All previous years: Statistics Canada "Grain Trade of Canada".

TABLE XV

# CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES CROP YEARS 1972-73 to 1981-82

Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	3	16	17	13	119	94	—	—	—	12
Denmark	—	—	—	—	10	—	—	—	—	—
France	—	—	—	—	7	—	—	—	—	—
Germany, Federal Rep.	86	204	40	235	238	206	100	53	—	—
Greece	—	2	—	—	—	26	—	—	—	—
Italy	975	438	658	593	851	630	425	582	344	417
Netherlands	14	21	23	47	155	31	—	—	1	—
United Kingdom	239	40	31	58	56	58	72	24	10	—
TOTAL EEC:	1 317	721	769	946	1 436	1 045	597	659	355	547
OTHER WESTERN EUROPE:										
Finland	—	—	—	—	—	—	—	—	—	11
Iceland	—	—	1	—	—	—	4	4	3	—
Malta	—	4	5	2	—	—	—	9	—	—
Portugal	12	—	—	—	—	—	—	—	—	—
Spain	—	—	56	—	—	—	—	—	—	23
Switzerland	2	—	38	30	40	—	—	—	—	—
TOTAL OTHER WESTERN EUROPE:	14	4	100	32	40	—	4	13	3	347
EASTERN EUROPE:										
Bulgaria	—	—	28	—	—	—	31	—	—	—
Germany, People's Republic of	—	19	—	27	282	—	246	—	—	103
Hungary	25	30	—	—	—	—	32	—	—	—
Poland	42	285	354	318	150	595	570	383	147	—
Romania	—	—	—	—	—	15	226	—	—	—
U.S.S.R.	577	147	—	1 175	121	166	126	872	1 573	2 780
Yugoslavia	—	—	—	—	—	—	—	—	—	—
TOTAL EASTERN EUROPE:	644	481	382	1 520	553	776	1 231	1 255	1 720	2 883
TOTAL EUROPE:	1 975	1 206	1 251	2 498	2 029	1 821	1 832	1 927	2 078	3 771
AFRICA:										
Algeria	—	23	33	—	78	109	80	138	—	36
Libya	30	—	—	—	9	—	—	—	—	—
Morocco	14	12	3	—	—	21	—	—	—	4
Tunisia	—	—	—	—	—	—	21	—	—	—
TOTAL AFRICA:	44	35	36	—	87	130	101	138	—	40
MIDDLE EAST:										
Cyprus	23	12	—	20	—	20	63	93	—	45
Iran	—	53	201	26	177	184	154	23	—	80
Iraq	—	—	—	—	46	—	16	59	—	—
Israel	178	164	179	227	132	116	235	239	124	209
Jordan	—	—	—	—	—	—	—	23	—	—
Kuwait	—	—	—	—	—	—	—	32	—	—
Lebanon	—	—	10	7	18	9	15	43	—	15
Saudi Arabia	—	—	—	—	—	—	—	57	—	8
Syria	—	—	—	—	—	—	—	103	—	—
Turkey	—	34	—	—	—	—	—	—	—	—
TOTAL MIDDLE EAST:	201	263	390	280	373	329	483	672	124	438
ASIA:										
China, People's Republic of	—	—	—	—	—	—	—	—	—	7
Japan	892	763	789	1 031	862	841	873	789	805	914
Korea, South	—	5	—	—	—	—	—	—	—	—
Taiwan	29	—	—	—	—	—	—	—	—	11
TOTAL ASIA:	921	768	789	1 031	862	841	873	789	805	1 101
WESTERN HEMISPHERE:										
Colombia	—	—	—	35	56	72	78	91	47	8
Cuba	—	11	11	21	33	38	31	47	60	5
Ecuador	—	—	—	—	—	—	7	—	—	—
Peru	16	19	17	8	—	19	9	29	11	2
United States	258	281	341	282	168	99	140	138	111	20
TOTAL WESTERN HEMISPHERE:	274	311	369	346	257	228	265	305	229	36
TOTAL BARLEY:	3 415	2 583	2 835	4 155	3 608	3 349	3 554	3 831	3 236	5 72
MALT (Barley Equivalent):	183	193	178	186	190	241	309	316	313	28
GRAND TOTAL:	3 598	2 776	3 013	4 341	3 798	3 590	3 863	4 147	3 549	6 01

Source: Canadian Grain Commission "Canada Grain Exports" for 1981-82.  
All previous years: Statistics Canada "Grain Trade of Canada".



TABLE XVI

**CANADIAN OATS EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1972-73 to 1981-82**

Country	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	1	—	—	—	36	—	—	—	—	—
France	1	—	—	—	—	—	—	—	—	—
Germany, Federal Rep.	—	—	2	—	164	1	—	—	—	—
Ireland	3	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	68	40	—	14	—	—
Netherlands	17	—	—	9	114	2	1	12	—	—
United Kingdom	2	—	3	—	7	—	—	—	—	—
<b>TOTAL EEC:</b>	<b>24</b>	<b>—</b>	<b>5</b>	<b>9</b>	<b>389</b>	<b>43</b>	<b>1</b>	<b>26</b>		
<b>OTHER WESTERN EUROPE:</b>										
Switzerland	6	—	—	—	19	—	3	—	—	—
<b>TOTAL OTHER WESTERN EUROPE:</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>—</b>	<b>3</b>	<b>—</b>		
<b>EASTERN EUROPE:</b>										
Poland	—	—	—	—	42	—	—	47	41	3
U.S.S.R.	—	—	—	251	—	—	—	—	—	16
<b>TOTAL EASTERN EUROPE:</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>251</b>	<b>42</b>	<b>—</b>	<b>—</b>	<b>47</b>	<b>41</b>	<b>19</b>
<b>TOTAL EUROPE:</b>	<b>30</b>	<b>—</b>	<b>5</b>	<b>260</b>	<b>450</b>	<b>43</b>	<b>4</b>	<b>73</b>	<b>41</b>	<b>19</b>
<b>MIDDLE EAST:</b>										
Yemen	—	—	—	4	—	—	—	—	—	—
<b>TOTAL MIDDLE EAST:</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>ASIA:</b>										
Japan	—	—	—	—	3	—	—	—	—	—
<b>TOTAL ASIA:</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>WESTERN HEMISPHERE:</b>										
Cuba	—	5	3	11	19	29	9	26	2	11
Peru	—	—	—	—	—	3	—	—	—	—
Venezuela	10	6	9	4	—	3	—	—	1	—
United States	64	1	4	1	20	11	—	2	—	17
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>74</b>	<b>12</b>	<b>16</b>	<b>16</b>	<b>39</b>	<b>46</b>	<b>9</b>	<b>28</b>	<b>3</b>	<b>28</b>
<b>SUB-TOTALS, ALL COUNTRIES:</b>	<b>104</b>	<b>12</b>	<b>21</b>	<b>280</b>	<b>492</b>	<b>89</b>	<b>13</b>	<b>101</b>	<b>44</b>	<b>47</b>
Seed Oats	3	—	—	—	1	1	2	1	1	—
Oatmeal and Rolled Oats (Oats Equivalent)	1	—	—	—	1	—	2	3	—	3
<b>TOTALS, ALL COUNTRIES:</b>	<b>108</b>	<b>12</b>	<b>21</b>	<b>280</b>	<b>494</b>	<b>90</b>	<b>17</b>	<b>105</b>	<b>45</b>	<b>50</b>

Source: Canadian Grain Commission "Canada Grain Exports" for 1981-82.  
All previous years: Statistics Canada "Grain Trade of Canada".



TABLE XVII

OVERSEAS<sup>1</sup> CLEARANCES OF CANADIAN BULK GRAIN<sup>2</sup> BY PORT AREAS

CROP YEARS 1961-62 to 1981-82

Crop Year	Atlantic Coast <sup>3</sup> 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct <sup>4</sup> 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1961-62	593	3 486	385	524	4 778	9 766
1962-63	543	3 235	499	592	4 216	9 085
1963-64	1 480	7 806	446	590	5 689	16 011
1964-65	931	4 209	497	600	4 900	11 137
1965-66	1 091	8 104	635	682	6 130	16 642
1966-67	896	6 813	794	572	6 038	15 113
1967-68	423	3 271	569	586	5 025	9 874
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82 <sup>5</sup>	862	12 563	1 582	438	11 625	27 070

<sup>1</sup> To all countries except the U.S.A.

<sup>2</sup> Wheat (excluding bagged seed wheat), Oats, Barley, Rye and Flaxseed. Includes Rapeseed from 1965-66.

<sup>3</sup> Includes exports from U.S.A. ports for year 1961-62 and 1962-63 only.

<sup>4</sup> Includes shipments from ports along the Great Lakes.

<sup>5</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1981-82.

All previous years: Statistics Canada "Grain Trade of Canada".





TABLE XVIII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES  
CROP YEARS 1967-68 to 1981-82

Crop Year	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC <sup>1</sup> 000 tonnes	China 000 tonnes
1967-68	16 138	7 320	7 547	41 030	37 970	28 000
1968-69	17 688	5 740	14 804	42 365	38 611	27 000
1969-70	18 268	7 020	10 547	39 263	37 217	29 000
1970-71	9 024	4 920	7 890	36 783	36 557	31 000
1971-72	14 412	5 440	8 607	44 052	41 988	33 000
1972-73	14 514	7 900	6 590	42 081	43 282	35 000
1973-74	16 162	6 560	11 987	46 560	43 081	38 000
1974-75	13 304	5 970	11 357	48 496	47 501	41 000
1975-76	17 081	8 570	11 982	57 776	40 039	46 000
1976-77	23 587	11 000	11 800	58 306	41 466	50 500
1977-78	19 858	5 300	9 370	55 419	40 125	41 000
1978-79	21 136	8 100	18 090	48 953	50 304	54 000
1979-80	17 196	8 100	16 188	58 288	48 826	62 500
1980-81	19 292	7 780	10 856	64 492	55 089	54 155
1981-82 <sup>2</sup>	24 803	7 900	16 372	76 024	54 479	58 490
Crop Year	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1967-68	11 393	10 000	77 300	4 334	58 868	299 900
1968-69	16 540	9 520	93 393	6 418	60 321	332 400
1969-70	18 651	10 500	79 917	6 617	58 500	315 500
1970-71	20 093	10 000	99 664	7 294	55 675	318 900
1971-72	23 833	13 500	98 760	6 476	64 432	354 500
1972-73	26 410	12 200	85 993	6 579	66 551	347 100
1973-74	24 735	10 000	109 784	7 443	64 288	378 600
1974-75	21 778	11 000	83 913	7 629	71 952	363 900
1975-76	24 235	14 750	66 224	7 673	65 670	360 000
1976-77	28 846	16 500	96 882	8 691	77 522	425 100
1977-78	29 010	16 650	92 161	9 144	68 263	386 300
1978-79	31 749	16 700	120 936	8 367	72 765	451 100
1979-80	35 508	17 500	90 207	9 950	64 437	428 700
1980-81	31 564	16 600	98 182	10 805	75 185	444 000
1981-82 <sup>2</sup>	36 460	17 000	88 000	11 475	68 997	460 000

<sup>1</sup> Ten Member States.

<sup>2</sup> Preliminary — subject to revision.

Source: For Canada — Statistics Canada.

United States — "Crop Production", USDA, November, 1982.

For all other countries — IWC World Wheat Statistics.



TABLE XIX

COARSE GRAIN<sup>1</sup> PRODUCTION IN THE MAJOR EXPORTING COUNTRIES<sup>2</sup>

Countries	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	(million of tonnes)								
Canada:									
Barley	10.2	8.8	9.5	10.5	11.8	10.4	8.5	11.4	13.7
Oats	5.0	3.9	4.5	4.8	4.3	3.6	2.9	2.9	3.2
Corn	2.8	2.6	3.6	3.8	4.2	4.5	5.3	5.7	6.7
Rye	0.4	0.5	0.5	0.4	0.4	0.6	0.5	0.5	0.9
Mixed Grain	2.0	1.6	1.8	1.6	1.6	1.6	1.7	1.6	1.5
Total	20.4	17.4	19.9	21.1	22.3	20.7	18.9	22.1	26.0
United States	186.6	150.9	185.1	193.9	203.8	222.1	238.7	198.4	248.9
Australia	4.7	4.5	5.6	5.1	4.3	7.1	6.2	5.2	6.8
Argentina	17.9	13.8	12.4	16.9	18.3	17.3	10.6	20.9	18.5
South Africa	11.9	9.7	7.7	10.3	11.0	8.8	11.7	15.3	8.9
Thailand	2.5	2.7	3.3	3.0	2.2	3.0	3.6	3.5	4.5
Western Europe	84.1	85.1	81.5	73.1	87.5	94.0	91.1	94.9	87.9
Eastern Europe	44.7	57.3	59.4	59.5	59.2	60.5	63.4	61.1	61.9
U.S.S.R.	101.0	99.7	65.8	115.0	92.6	105.3	81.1	80.5	70.2
Others	175.7	187.1	204.1	202.5	201.5	214.8	216.0	228.2	232.9
WORLD TOTAL	649.5	628.2	644.8	700.4	702.7	753.6	741.3	730.1	766.5

<sup>1</sup> Includes corn, barley, oats, rye, sorghum, millet and mixed grains.

<sup>2</sup> July-June crop year for all countries, except Canada, which is the August-July crop year.

<sup>3</sup> Subject to revision.

Source: USDA "Foreign Agriculture Circular", F.G. 39, December, 1982, page 10 for all countries except Canada 1972-73 to 1974-75; Handbook of Agricultural Statistics, 1975-76 to 1981-82, Field Crop Reporting Series No. 20.



**TABLE XX**

**WORLD COARSE GRAIN EXPORTS<sup>1</sup>**  
**1973-74 to 1981-82 (July-June)**

Countries	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82 <sup>2</sup>
	(million of tonnes)								
Canada:									
Barley	2.6	2.8	4.2	3.6	3.3	3.6	3.8	3.2	5.7
Oats	—	—	0.3	0.5	0.1	—	0.1	—	—
Corn	—	—	0.2	0.2	0.3	0.2	0.3	1.1	1.3
Rye	0.1	0.1	0.3	0.1	0.3	0.2	0.4	0.4	0.5
Total	2.7	2.9	5.0	4.4	4.0	4.0	4.6	4.7	7.5
United States	44.5	34.3	46.5	50.6	52.1	56.9	71.6	72.4	61.4
Argentina	8.5	8.6	5.4	9.5	11.0	11.3	6.6	9.9	13.1
EEC <sup>3</sup>	3.0	1.6	2.5	0.5	3.5	4.1	3.4	6.5	5.0
Australia	1.9	2.9	3.2	3.3	2.0	2.5	4.1	2.3	3.1
South Africa	0.4	3.4	3.3	1.5	2.8	3.0	2.8	3.6	5.0
Thailand	2.2	2.1	2.5	2.5	1.3	2.2	2.1	2.2	3.1
U.S.S.R.	0.9	1.0	—	2.0	1.0	1.0	—	—	—
Others	2.3	3.1	4.5	4.4	3.9	2.6	3.1	3.4	2.4
<b>WORLD TOTAL<sup>4</sup></b>	<b>66.4</b>	<b>59.9</b>	<b>72.9</b>	<b>78.7</b>	<b>81.6</b>	<b>87.6</b>	<b>98.3</b>	<b>105.0</b>	<b>101.0</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Excluding intra-trade between member countries. Ten member countries 1979-80 and 1980-81.

<sup>4</sup> Differences in export totals in this table and the import totals shown in Table XXI are due to transshipments from one country to another.

Source: IWC "Review of the World Wheat Situation" 1980-81 and 1981-82.

Canada — Canadian Grain Commission "Canadian Grain Exports" for 1981-82.

All previous years — Statistics Canada "Grain Trade of Canada", August-July crop year.

United States and U.S.S.R. — USDA Foreign Agriculture Circular, December, 1982.

**TABLE XXI**

**WORLD IMPORTS OF COARSE GRAINS<sup>1</sup>**  
**1973-74 to 1981-82 (July-June)**

Countries	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82 <sup>2</sup>
	(million of tonnes)								
EEC <sup>3</sup>	16.3	16.2	17.8	26.7	16.0	16.0	12.2	12.8	9.5
Other Western Europe	8.3	9.5	7.5	7.8	9.3	7.7	9.5	9.2	13.0
Eastern Europe	4.3	6.5	6.8	8.2	8.6	10.1	10.4	10.1	7.5
U.S.S.R.	5.9	2.7	15.5	6.7	11.5	10.2	18.7	18.0	25.0
Japan	14.2	13.2	13.5	15.9	16.9	17.9	19.0	19.0	18.5
Others	17.7	15.4	13.6	14.3	19.4	25.2	29.2	35.9	27.5
<b>WORLD TOTAL</b>	<b>66.7</b>	<b>63.5</b>	<b>74.7</b>	<b>79.6</b>	<b>81.7</b>	<b>87.1</b>	<b>99.0</b>	<b>105.0</b>	<b>101.0</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Ten member countries 1976-77 forward.

Source: IWC "Review of the World Wheat Situation" 1980-81 and 1981-82.

TABLE XXII

EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL  
EXPORTERS DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE  
TOTAL — JULY-JUNE CROP YEARS<sup>1</sup> 1962-63 to 1981-82

Crop Year	Argentina	Australia	Canada	United States	EEC	Others	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1962-63	1 806 (4.2%)	4 788 (11.1%)	8 909 (20.7%)	17 364 (40.3%)	3 920 ( 9.1%)	6 272 (14.6%)	43 059 (100.0%)
1963-64	2 777 (4.9%)	7 813 (13.8%)	16 101 (28.4%)	23 106 (40.7%)	3 816 ( 6.7%)	3 097 ( 5.5%)	56 710 (100.0%)
1964-65	4 443 (9.0%)	6 469 (13.1%)	10 839 (22.0%)	19 596 (39.7%)	5 444 (11.1%)	2 519 ( 5.1%)	49 310 (100.0%)
1965-66	7 948 (12.6%)	5 681 ( 9.0%)	15 897 (25.2%)	23 405 (37.2%)	5 465 ( 8.7%)	4 621 ( 7.3%)	63 017 (100.0%)
1966-67	3 059 ( 5.6%)	6 984 (12.7%)	14 005 (25.4%)	20 194 (36.6%)	4 177 ( 7.6%)	6 671 (12.1%)	55 090 (100.0%)
1967-68	1 370 ( 2.6%)	7 011 (13.6%)	9 127 (17.7%)	20 494 (39.7%)	4 350 ( 8.4%)	9 305 (18.0%)	51 657 (100.0%)
1968-69	2 785 ( 6.1%)	5 369 (11.8%)	8 305 (18.2%)	15 023 (32.9%)	5 020 (11.0%)	9 097 (20.0%)	45 599 (100.0%)
1969-70	2 108 ( 4.1%)	7 250 (14.1%)	9 380 (18.3%)	16 792 (32.7%)	7 167 (13.9%)	8 695 (16.9%)	51 392 (100.0%)
1970-71	1 704 ( 3.1%)	9 492 (17.3%)	11 819 (21.5%)	20 140 (36.7%)	3 105 ( 5.7%)	8 591 (15.7%)	54 851 (100.0%)
1971-72	1 328 ( 2.5%)	8 736 (16.6%)	13 684 (26.1%)	16 901 (32.2%)	4 656 ( 8.9%)	7 191 (13.7%)	52 496 (100.0%)
1972-73	3 510 ( 5.2%)	5 562 ( 8.2%)	15 681 (23.0%)	31 734 (46.6%)	6 525 ( 9.6%)	5 041 ( 7.4%)	68 053 (100.0%)
1973-74	1 106 ( 1.8%)	5 509 ( 8.7%)	11 436 (18.1%)	31 273 (49.7%)	5 467 ( 8.7%)	8 184 (13.0%)	62 975 (100.0%)
1974-75	2 178 ( 3.5%)	8 049 (12.8%)	10 776 (17.1%)	28 304 (45.0%)	7 122 (11.3%)	6 516 (10.3%)	62 945 (100.0%)
1975-76	3 111 ( 4.6%)	8 072 (12.1%)	12 334 (18.4%)	31 669 (47.4%)	7 729 (11.6%)	3 953 ( 5.9%)	66 868 (100.0%)
1976-77	5 584 ( 9.0%)	8 357 (13.5%)	13 434 (21.6%)	26 080 (42.1%)	3 912 ( 6.3%)	4 643 ( 7.5%)	62 010 (100.0%)
1977-78	2 670 ( 3.7%)	11 144 (15.3%)	16 030 (22.1%)	31 538 (43.5%)	4 479 ( 6.2%)	6 677 ( 9.2%)	72 538 (100.0%)
1978-79	3 307 ( 4.6%)	7 246 (10.2%)	13 081 (18.4%)	32 311 (45.4%)	7 349 (10.3%)	7 906 (11.1%)	71 200 (100.0%)
1979-80	4 748 ( 5.4%)	15 364 (17.6%)	15 886 (18.1%)	37 198 (42.5%)	10 271 (11.7%)	4 063 ( 4.7%)	87 530 (100.0%)
1980-81	3 932 ( 4.2%)	11 090 (11.9%)	16 260 (17.5%)	41 936 (45.0%)	12 683 (13.6%)	7 247 ( 7.8%)	93 148 (100.0%)
1981-82 <sup>2</sup>	4 281 ( 4.2%)	11 404 (11.2%)	18 445 (18.2%)	49 077 (48.3%)	14 085 (13.9%)	4 247 ( 4.2%)	101 539 (100.0%)

<sup>1</sup> Canada August-July.

<sup>2</sup> Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include bagged seed exports.

USDA "Wheat Situation" 1962-63 to 1974-75, "Foreign Agriculture Circular" 1975-76 to 1981-82.

All Others — IWC "World Wheat Statistics" 1981 and "Review of World Wheat Situation" 1982.



TABLE XXIII

IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES  
JULY-JUNE CROP YEARS 1962-63 to 1981-82

Crop Year	Algeria 000 tonnes	Arab Republic of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes	Italy 000 tonnes
1962-63	190	1 721	—	2 402	4 871	276
1963-64	104	1 909	—	1 910	5 198	485
1964-65	356	1 917	—	2 292	5 406	712
1965-66	430	1 929	—	2 321	6 325	1 046
1966-67	790	2 498	—	2 637	5 124	1 031
1967-68	664	2 782	—	2 485	4 156	941
1968-69	700	1 945	N/A	2 425	20	1 574
1969-70	259	2 220	N/A	2 081	5 040	1 290
1970-71	646	2 835	N/A	1 855	3 660	1 440
1971-72	885	2 591	690	1 475	2 967	1 379
1972-73	645	3 040	2 176	2 950	5 289	1 211
1973-74	1 600	3 180	1 750	2 440	5 831	3 088
1974-75	1 762	3 489	2 057	1 663	5 675	1 636
1975-76	1 593	3 588	1 050	3 755	2 287	1 910
1976-77	1 338	3 956	765	3 504	3 156	2 428
1977-78	1 638	4 537	1 341	3 104	8 556	4 185
1978-79	1 082	5 541	1 221	3 738	8 058	1 242
1979-80	1 986	5 156	2 171	4 717	8 680	1 294
1980-81	1 843	6 705	659	3 887	13 775	1 693
1981-82 <sup>1</sup>	2 303	5 853	1 136	4 517	13 050	1 478
Crop Year	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes	U.S.S.R. 000 tonnes
1962-63	2 663	544	1 587	913	4 258	—
1963-64	3 919	795	1 966	758	4 605	8 859
1964-65	4 362	710	1 433	528	4 190	2 656
1965-66	3 553	740	1 636	600	4 664	9 187
1966-67	4 260	611	1 755	654	4 176	4 683
1967-68	4 028	942	1 332	758	4 077	1 534
1968-69	4 183	1 279	1 154	4 183	4 576	147
1969-70	4 425	1 618	1 195	1 673	4 781	1 105
1970-71	4 834	1 310	1 972	1 752	5 359	315
1971-72	4 965	1 482	1 553	1 784	3 829	3 409
1972-73	5 486	2 049	1 000	1 736	4 535	15 000
1973-74	5 353	1 526	1 758	1 627	3 114	4 389
1974-75	5 404	1 684	1 234	1 703	2 935	2 934
1975-76	5 923	2 152	2 061	1 493	4 264	10 096
1976-77	5 522	1 401	2 885	1 832	3 422	4 559
1977-78	5 764	1 499	2 681	1 653	3 841	6 340
1978-79	5 584	1 218	2 332	1 702	1 491	5 024
1979-80	5 571	1 001	3 827	1 813	1 695	11 686
1980-81	5 941	1 050	3 852	2 067	1 376	14 981
1981-82 <sup>1</sup>	5 605	957	3 653	1 907	1 328	18 589

<sup>1</sup> Subject to revision.  
Source: IWC "World Wheat Statistics" 1982 and "Review of the World Wheat Situation" 1981-82.



TABLE XXIV

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN RED SPRING WHEAT<sup>1</sup>  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1959-60 to 1982-83**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1959-60	51.44	—	3.67	3.31	58.42
1960-61	51.44	—	3.67	10.84	65.95
1961-62	51.44	3.67	—	15.07	70.18
1962-63	55.12	—	—	13.74	68.86
1963-64	55.12	—	—	17.42	72.54
1964-65	55.12	—	—	14.22	69.34
1965-66	55.12	—	—	18.26	73.38
1966-67	55.12	—	—	17.89	73.01
1967-68	62.46	—	—	4.19	66.65
1968-69	62.46	—	—	—	62.46
1969-70	55.12	—	2.68 <sup>3</sup>	3.93 <sup>4</sup>	61.73
1970-71	55.12	—	—	6.28	61.40
1971-72	53.65	—	—	4.99	58.64
1972-73	53.65	11.02	—	14.47	79.14
1973-74	82.67	55.12	—	30.42	168.21
1974-75	82.67	55.12	—	26.60	164.39
1975-76	82.67	55.12	—	8.49	146.28
1976-77	110.23	—	—	6.92	117.15
1977-78	110.23	—	—	10.07	120.30
1978-79	110.23	18.37	—	31.93	160.53
1979-80	128.60	27.56	—	40.27	196.43
1980-81	156.16	40.34	—	25.62	222.12
1981-82	174.50	—	—	25.12	199.62
1982-83	174.50	—	—	—	—

<sup>1</sup> Base grade prior to 1971-72 was No. 1 Northern Wheat.

<sup>2</sup> Final payment and final realized price after deduction of Board Operation costs, but prior to deduction of P.F.A.A. Levy for years 1959-60 through 1969-70.

<sup>3</sup> Payment from Pool Account prior to payment from Temporary Wheat Reserves Act.

<sup>4</sup> Payment from Temporary Wheat Reserves Act.



TABLE XXV

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN AMBER DINKUM  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1978-79 to 1982-83

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1978-79	110.23	18.37	—	20.33	148.93
1979-80	128.60	36.75	—	39.50	204.85
1980-81	183.72	55.28	—	0.58	239.58
1981-82	174.50	—	—	25.84	200.34
1982-83	174.50				

TABLE XXVI

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED OATS  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1969-70 to 1982-83

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1969-70	35.66	—	6.26	41.92
1970-71	35.66	—	5.79	41.45
1971-72	35.66	—	5.40	41.06
1972-73	35.66	6.48	26.46	68.60
1973-74	68.08	—	43.41	111.49
1974-75	68.08	6.48	32.76	107.32
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	—	9.58	84.15
1977-78	74.57	—	—	74.57
1978-79	74.00	—	11.41	85.41
1979-80	68.08	—	—	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00			
1982-83	90.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs, but prior to deduction of P.F.A.A. Levy for year 1969-70



TABLE XXVII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN DESIGNATED OATS  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEAR 1981-82 & 1982-83

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1981-82	140.00	—	30.39	170.39
1982-83	140.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

TABLE XXVIII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED BARLEY  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1969-70 to 1982-83

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price \$ per tonne
1969-70	37.20	—	.99	38.19
1970-71	37.20	4.59	—	41.79
1971-72	37.20	—	—	37.20
1972-73	39.50	4.13	23.63	67.26
1973-74	64.30	34.45	20.31	119.06
1974-75	71.19	27.56	8.30	107.05
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	—	11.12	91.50
1977-78	80.38	—	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	—	8.84	132.84
1982-83	110.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs, but prior to deduction of P.F.A.A. Levy for year 1969-70.





TABLE XXIX

DESIGNATED BARLEY SCHEDULE OF PAYMENT FOR NO. 2 CANADA WESTERN B-HQW  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1975-76 TO 1982-83

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1975-76	75.78	13.78	71.42	160.98
1976-77	105.64	—	42.95	148.59
1977-78	98.75	—	8.43	107.18
1978-79	98.75	—	20.76	119.51
1979-80	98.75	34.45	34.54	167.74
1980-81	133.20	34.80	39.30	207.30
1981-82	158.00	—	28.02	186.02
1982-83	158.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



TABLE XXX

EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES  
JULY-JUNE CROP YEARS 1971-72 to 1981-82

Crop Years	CANADA <sup>1</sup>			UNITED STATES	
	Thunder Bay 1 CWRS 13.5% Cdn. \$ per tonne	Pacific Coast 1 CWRS 13.5% Cdn. \$ per tonne	1 CWRS 13.5% U.S. \$ per tonne	Pacific Coast D.N.S. 14% U.S. \$ per tonne	Gulf Coast H.W.O. U.S. \$ per tonne
1971-72 <sup>3</sup>	64.00	66.00	66.00	63.00	60.00
1972-73	92.00	99.00	100.00	93.00	91.00
1973-74	199.00	204.00	207.00	190.00	177.00
1974-75	197.00	205.00	206.00	199.00	164.00
1975-76	176.00	193.00	192.00	185.00	152.00
1976-77	131.00	143.00	142.00	136.00	113.00
1977-78	137.00	151.00	137.00	129.00	116.00
1978-79	174.00	191.00	164.00	151.00	141.00
1979-80	219.00	236.00	202.00	186.00	174.00
1980-81	248.00	273.00	230.00	210.00	182.00
1981-82					
July	234.00	261.00	216.00	192.00	171.00
August	228.00	254.00	207.00	186.00	173.00
September	225.00	247.00	206.00	183.00	174.00
October	229.00	247.00	205.00	184.00	173.00
November	232.00	242.00	204.00	185.00	180.00
December	223.00	234.00	197.00	182.00	182.00
January	225.00	237.00	199.00	182.00	175.00
February	220.00	241.00	198.00	183.00	172.00
March	206.00	241.00	197.00	183.00	169.00
April	208.00	244.00	200.00	185.00	170.00
May	205.00	240.00	194.00	180.00	160.00
June	209.00	244.00	192.00	179.00	152.00

Crop Years	AUSTRALIA A.S.W. U.S. \$ per tonne	ARGENTINA Trigo Pan U.S. \$ per tonne	EEC Standard Wheat Third Countries U.S. \$ per tonne
1971-72	58.00	62.00	70.00
1972-73	91.00	86.00	117.00
1973-74	195.00	<sup>2</sup>	192.00
1974-75	167.00	163.00	189.00
1975-76	147.00	144.00	177.00
1976-77	113.00	107.00	199.00
1977-78	119.00	116.00	223.00
1978-79	142.00	132.00	133.00
1979-80	169.00	192.00	251.00
1980-81	181.00	204.00	236.00
1981-82			
July	165.00	177.00	182.00
August	165.00	183.00	182.00
September	173.00	180.00	196.00
October	168.00	182.00	200.00
November	—	183.00	205.00
December	174.00	180.00	204.00
January	167.00	178.00	204.00
February	166.00	176.00	—
March	159.00	178.00	—
April	159.00	178.00	—
May	157.00	177.00	—
June	157.00	173.00	—

<sup>1</sup> Canadian Wheat Board official "in store" prices converted to F.O.B. at current FOBing rates — Australian Wheat Board selling price (F.O.B.) Australian Standard Wheat.

<sup>2</sup> Due to limited trading in this wheat in the 1973-74 crop year, no representative annual average price is available.

<sup>3</sup> Prices are for 1 CWRS 14%.

Source: IWC World Wheat Statistics and Canadian Wheat Board for 1980-81 Canadian prices.



TABLE XXXI

## SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMITS ISSUED TO PRODUCERS

CROP YEARS 1956-57 TO 1981-82

Crop Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
1956-57	43,120	110,872	76,862	230,854
1957-58	42,414	108,902	75,000	226,316
1958-59	43,242	107,128	79,474	229,844
1959-60	41,960	105,621	77,713	225,294
1960-61	42,124	104,384	77,917	224,425
1961-62	41,888	103,795	77,991	223,674
1962-63	41,352	102,420	77,366	221,138
1963-64	39,471	100,202	75,206	214,879
1964-65	39,027	98,028	73,888	210,943
1965-66	38,013	95,541	71,632	205,186
1966-67	36,258	92,302	69,494	198,054
1967-68	35,107	89,761	67,189	192,057
1968-69	35,332	88,304	66,970	190,606
1969-70	35,203	88,378	66,423	190,004
1970-71	33,602	85,453	63,654	182,709
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017

















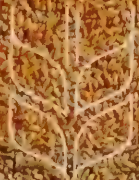


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Publications



# The Canadian Wheat Board ANNUAL REPORT 1982/83









# **THE CANADIAN WHEAT BOARD**

**ANNUAL REPORT  
1982-83**

Cover: A variety of prairie-grown grains and oilseeds provides the colour and texture for this "painting" of a farmer and his harvest. Artists are Bob Boyson and Blair MacLean of Winnipeg.



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R. L. Kristjanson .....	Assistant Chief Commissioner
F. M. Hetland .....	Commissioner
J. L. Leibfried .....	Commissioner
W. H. Smith .....	Commissioner

### Executive Officers

D. Olfert .....	Treasurer
H. F. Bjarnason .....	Executive Director — Planning
G. P. Machej .....	Executive Director — Marketing
J. W. Snell .....	Corporate Secretary

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Winnipeg, Manitoba .....	Head Office
Vancouver, British Columbia .....	G. N. Hedalen Manager
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Honourable Hazen Argue  
Minister of State for the  
Canadian Wheat Board  
Ottawa, Ontario

Winnipeg, Manitoba  
March 31, 1984.

Sir:

We beg to submit herewith the annual Report of the Canadian Wheat Board for the crop year ending July 31, 1983, as required by the Canadian Wheat Board Act.

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# PART I

## THE INTERNATIONAL GRAIN MARKET



### INTRODUCTION

Western Canadian grain producers were part of a very competitive world marketplace in the 1982-83 crop year. As happens so often, the bumper crop in Canada coincided with bumper crops in other major exporting countries. Total world grain production in 1982, shown in Chart I, was by far the largest in history at almost 1.7 billion tonnes.

The crop year saw a reversal in a trend of increasing world grain trade. World trade in wheat and coarse grains declined for the first time in three years. World wheat trade, at 96.8 million tonnes, was down almost four per cent from the previous year. The drop in coarse grain trade was more dramatic. It declined 14 per cent to 88 million tonnes.

These declines were the result of several factors. Some of the major ones included:

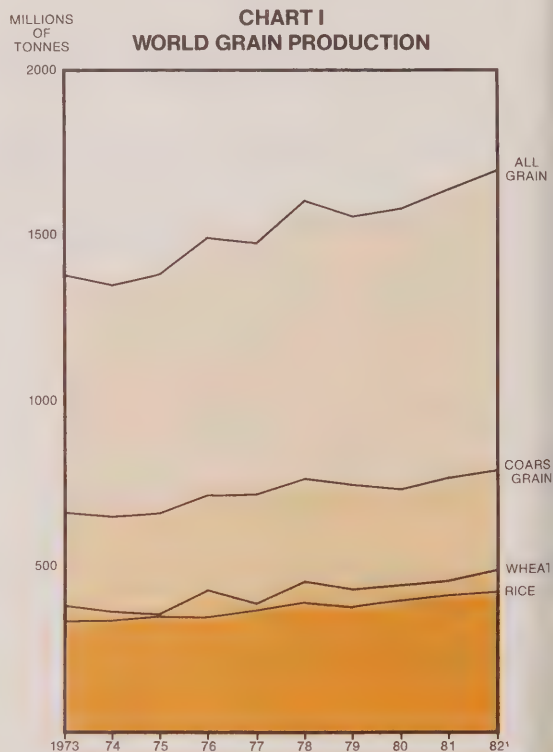
1. Increased production, especially of coarse grains, in the importing countries.
2. The general downturn of the world economy. Again, the greatest effect was on coarse grains. Wheat products tend to be staples in most diets, and wheat consumption is more likely to remain steady when the economy is slow. But meat consumption is more discretionary, and tends to suffer when disposable incomes drop. This directly affects coarse grain consumption.
3. Availability of foreign exchange. This is directly related to the poor world economy. Part of the reason for the decline in world trade was not so much lack of demand as the inability to pay for the desired level of imports. The 1982-83 crop year saw a worsening of the foreign exchange position of many countries, and more requests for credit to assist grain purchases. In some cases, countries asking for credit were already having difficulty meeting payments on previous foreign borrowings.

The brunt of the decline in world trade was felt by the United States. U.S. wheat exports in 1982-83 dropped by 15 per cent from the previous year. This was against another record crop, and as a result, U.S. wheat carryover rose sharply to 42.2 million tonnes by year-end. On the other hand, exports from other major exporters, except Australia which suffered a

poor crop, were maintained or increased during the year.

Concern over falling exports led the U.S. government to take steps to increase U.S. market share. These in turn introduced more competition into the market and put further pressure on already-depressed grain prices. The measures were mainly in response to subsidized competition from the EEC. One was a "blended credit" program. For the 1983 fiscal year, a credit line of \$1.75 billion with three-year repayment was available for agricultural commodities. Part of the interest on sales was subsidized by the government, providing a rate discount of about 20 per cent.

More dramatic was a sale of one million tonnes of U.S. flour to Egypt. The sale was negotiated by the







U.S. government, which heavily subsidized the purchase price. The flour was sold, landed in Egypt, at U.S.\$155 per tonne, well under prevailing prices for bulk wheat. This sale was made as a deliberate response to many years of heavily-subsidized EEC sales into Egypt and other markets.

The combination of large supplies, stagnant demand, and increased competition locked grain producers in Canada, and their counterparts in other parts of the world, into another year of disappointing prices. The escalation in subsidized competition in the world wheat market was of particular concern. Subsidies are unfortunate in trade of any commodity, but doubly so when, like wheat, it is already a bargain to so many customers. The Wheat Board hopes to see more dialogue on methods to provide more reasonable and stable grain prices, even when the market turns for the better, which it must inevitably do at some time.

### THE WHEAT SITUATION BY AREA AND COUNTRY

World wheat production in 1982 was a record 483 million tonnes, seven per cent higher than the previous record of about 453 million tonnes in 1981. The total area seeded to wheat did not increase significantly in 1982. Very favorable weather conditions in major wheat-growing regions was the reason for the substantial increase in production.

All major exporting countries increased wheat production in 1982, with the notable exception of Australia. Wheat output in the United States, at 76.4 million tonnes, was slightly higher than the record set in 1981. Canada also reached a production record at 26.8 million tonnes. Wheat production in Argentina was 15.1 million tonnes, almost double the previous year's, because of an increase in the area seeded to wheat and timely rains. A larger area seeded to wheat and generally good weather contributed to record output in the European Economic Community (EEC).

In sharp contrast, severe drought during Australia's growing season decreased production to 3.9 million tonnes, the smallest crop in 10 years. Other parts of the world suffered bad weather in 1982. Wheat production was down in Algeria, Pakistan, Bangladesh, and the U.S.S.R. However, good weather benefited crops in China, India, Hungary, and Romania.

World wheat trade leveled off to 96.8 million tonnes in 1982, compared with 1981 trade of 100.7 million tonnes. This was the first decrease in five years. Increased domestic supplies in many major importing regions was the main reason for the lower trade level. The U.S.S.R. was again the world's major wheat buyer, importing about 20 million tonnes in 1982. It was followed by China which imported 12.8 million tonnes during the year, Egypt with 6.2 million tonnes, and

CHART II  
CLOSING WHEAT STOCKS IN THE  
FIVE MAJOR EXPORTING COUNTRIES\*  
1978-79 TO 1982-83





Japan with 5.6 million tonnes. India was once again a major buyer in 1982-83, importing 4.3 million tonnes compared with the previous year's 2.6 million tonnes.

Carryover in major exporting countries rose for the third consecutive year, reaching 64.6 million tonnes. This was an increase of 13.8 million tonnes, or 27 per cent, over 1981. Much of the increase was in the United States. U.S. ending stocks totaled 41.9 million tonnes, 32 per cent higher than the previous year's. The EEC increased stocks to 11 million tonnes, 4.7 million tonnes higher than 1981. Canadian stocks remained virtually the same at 10 million tonnes compared with 9.8 million tonnes in 1981. Of the major exporters, only Australia had lower carry-over with only 500 000 tonnes, down two million tonnes from a year earlier.

## THE SOVIET UNION

### Production:

Wheat production in the Soviet Union in 1982 was unofficially estimated at 85 million tonnes. This was the fourth disappointing harvest in a row. Wheat production in 1981, for which the Soviets have never released official numbers, is estimated to have been well below the government target at about 80 million tonnes.

The 1982 growing season in the Soviet Union had a promising beginning. The area seeded to winter wheat increased, and weather, during the fall and winter, was fairly good. However, it turned cold and dry in the spring, hampering development of winter grains and delaying planting of spring grains in some areas. It became abnormally warm in the summer, and drought in some areas stressed most of the spring wheat crop.

### Trade:

Wheat imports by the Soviet Union totaled about 20 million tonnes in 1982-83, virtually unchanged from the year before. International Wheat Council (IWC) estimates show Canada was the largest supplier of wheat to the U.S.S.R., supplying 6.9 million tonnes. Argentina was the second-largest at 4.2 million tonnes, followed by the EEC at 3.4 million tonnes, the United States at 3.0 million tonnes, and Australia at 1.0 million tonnes.

**TABLE 1**  
**UNION OF THE SOVIET SOCIALIST REPUBLICS**

	1975-76 to 1979-80	1980-81	1981-82*	1982-83*	Per cent Change	Per cent of the World Tot
(millions of tonnes)						
<b>Wheat Production</b>						
Winter Wheat .....	48.1	49.8	NA	NA		
Spring Wheat .....	45.1	48.4	NA	NA		
Total .....	93.2	98.2	80.0	85.0	+6%	18%

### Wheat Trade

Imports .....	7.6	14.9	19.6	20.0	+2%	21%
Exports .....	1.4	0.8	0.5	0.5	—	5%

\*I.W.C. estimate

Source: I.W.C. Review of the World Wheat Situation, 1982-83, Table 4.

I.W.C. World Wheat Statistics.

Review World Wheat Statistics, 1982-83, Appendix Table III and Table I:4.

I.W.C. Market Report, November 29, 1983.

## NORTH AMERICA

### Production:

Wheat production in North America increased substantially because of good weather in 1982. The United States produced 76.4 million tonnes of wheat, a shade above the 1981 record. Wheat production in Canada was a record 26.8 million tonnes, two million tonnes more than the record of the previous year.

Record U.S. production was achieved despite the introduction of a government 15 per cent voluntary acreage reduction program. Participation among winter wheat growers in the U.S. was low, since crops had already been seeded when the program was announced and yield prospects appeared to be very good. Spring wheat and particularly durum growers were more inclined to participate. Durum production in 1982 was down 21 per cent from the year before.

Wheat production in Mexico rose to 4.6 million tonnes in 1982, compared with 3.2 million tonnes in 1981. A larger area and good weather were responsible for the increase.

A review of wheat production in Canada in 1982-83 is available in Part III of this report.

### Trade:

Exports of wheat from the United States fell to 41 million tonnes in 1982-83, a decline of seven million tonnes from 1981-82. Canada's wheat exports increased to 21.4 million tonnes, 16 per cent above 1981-82. The United States and Canada together accounted for 64 per cent of world trade in 1982-83.



The U.S. share of the market fell to about 42 per cent. Canada's share rose to 22 per cent, up three per cent from the year before. Exports of Canadian wheat are discussed in detail in Part II of this report. Mexico reduced wheat imports, due primarily to an improved domestic crop in 1982.

**TABLE 2**  
**NORTH AMERICA**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
Wheat Production:						
Canada Total .....	19.8	19.1	24.8	26.8	+8%	5%
Spring Wheat .....	16.7	16.3	20.8	23.1	+11%	
Winter Wheat .....	0.8	0.9	1.0	0.6	-40%	
Durum Wheat .....	2.3	1.9	3.0	3.1	+3%	
U.S.A. Total .....	55.5	64.6	76.2	76.4	—	16%
Spring Wheat .....	10.2	8.5	12.7	13.6	+7%	
Winter Wheat .....	42.2	53.2	58.4	58.8	+1%	
Durum Wheat .....	3.1	2.9	5.1	4.0	-21%	

**Wheat Trade:**

Canadian Exports .....	14.1	16.3	18.4	21.4	+16%	22%
Spring Wheat .....	12.4	14.2	16.1	18.7	+16%	
Durum Wheat .....	1.7	2.1	2.3	2.7	+17%	
U.S.A. Exports .....	31.7	41.2	48.2	41.1	-15%	42%
Spring Wheat .....	4.8	5.1	5.6	6.5	+16%	
Winter Wheat .....	25.1	34.5	40.4	33.0	-18%	
Durum Wheat .....	1.7	1.6	2.2	1.6	-27%	
Mexican Imports .....	0.6	1.2	0.9	0.1	-89%	—

Preliminary — subject to revision.

Source: Canada — Statistics Canada & Canadian Grain Commission.

U.S.A. — U.S.D.A. Wheat Outlook & Wheat Situation Table 2 November, 1983.

Mexico — I.W.C. World Wheat Statistics 1983 & I.W.C. Review of the World Wheat Situation: Appendix Tables 2 & 3 — 1982-83.

**ASIA**

**Production:**

Record crops in China and India were mainly responsible for the overall increase in Asia's wheat production to 150.2 million tonnes in 1982. This was almost 10 million tonnes more than the 1981 record.

Dry weather persisted over winter wheat areas of the North China Plain throughout the autumn and winter. Early estimates were lowered in anticipation of a drought-reduced harvest. However, Chinese production apparently recovered due to good spring rains. Despite unusually wet harvesting weather in India, wheat production in that country was a record 7.8 million tonnes. Wheat production also increased

in Turkey and Saudi Arabia. Wet weather late in the season reduced crops in Pakistan, Bangladesh, and other countries in the Middle East.

**Trade:**

Imports of wheat by Asian countries rose about five per cent in 1982-83 to 40.1 million tonnes. While China reduced its total imports because of a larger domestic crop, wheat imports were increased in Iran, Iraq, Bangladesh, and India.

**TABLE 3**  
**ASIA — WHEAT PRODUCTION AND IMPORTS**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Total
	(millions of tons)					
Wheat Production:						
Total Asia .....	119.2	128.4	140.5	150.2	+7%	31
China .....	50.8	54.2	59.6	68.1	+14%	
India .....	29.9	31.6	36.3	37.4	+3%	
Pakistan .....	8.8	10.8	11.5	11.1	-4%	
Turkey .....	16.4	16.6	17.0	17.0	0%	
Others .....	13.3	15.2	16.1	16.0	-6%	

**Wheat Imports (including Flour)**

Total Asia .....	29.5	35.9	38.3	40.1	+5%	41%
Bangladesh .....	1.3	0.7	1.2	1.2	+71%	
China .....	6.1	13.8	13.2	12.0	-9%	
India .....	2.3	0.4	2.6	2.6	+52%	
Indonesia .....	1.1	1.3	1.5	1.4	-7%	
Iran .....	1.0	1.9	1.4	1.6	+14%	
Iraq .....	1.4	1.4	1.6	1.6	0%	
Lebanon .....	0.3	0.4	0.4	0.4	0%	
Japan .....	5.7	5.9	5.6	5.6	0%	
Pakistan .....	1.0	0.2	0.4	0.4	+100%	
Philippines .....	0.7	0.9	0.9	0.9	0%	
Republic of Korea .....	1.7	2.1	1.9	1.9	0%	
Saudi Arabia .....	0.8	0.8	0.7	0.7	-13%	
Socialist Rep. of Vietnam .....	1.0	0.6	0.6	0.6	0%	
Sri Lanka .....	0.8	0.5	0.6	0.6	+20%	
Others .....	4.3	5.0	5.7	5.7	0%	

<sup>1</sup> Preliminary — subject to revision.

Source: I.W.C. World Wheat Statistics, 1983

I.W.C. Review World Wheat Situation 1982-83, Appendix Tables 2 & 3.

**WESTERN EUROPE**

**Production:**

Wheat production in Western Europe increased by about 12 per cent to a record 68.1 million tonnes in 1982. The EEC increased wheat sowings by three per cent and good weather across the region benefited crops in both EEC and non-EEC countries.

Good weather and a larger seeded area contributed to substantially increased wheat production in



the United Kingdom and Sweden. West German winter wheat suffered through wet, cold weather and several hundred thousand acres were reseeded to lower-yielding spring wheats. Drought through spring and summer in Italy reduced durum production. Heavy rains in early spring in France sustained wheat crops through a dry spell in the summer and harvesting of winter grains was able to proceed without delays. Despite dry conditions in Spain and Portugal, wheat yields were higher than the drought-reduced levels of 1981.

### Trade:

Wheat exports from Western Europe rose slightly in 1982-83 due almost entirely to an increase in exports from non-EEC countries. Wheat exports from the EEC were virtually the same as the previous year. Total imports by Western European countries were reduced substantially to 4.7 million tonnes, compared with 6.8 million tonnes in 1981-82.

**TABLE 4**  
**WESTERN EUROPE**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Tot <sup>2</sup>
(millions of tonnes)						
<b>Wheat Production:</b>						
Total West Europe ...	52.2	64.7	60.9	68.1	+12%	14%
EEC <sup>1</sup> .....	44.1	55.1	54.4	59.6	+10%	12%
France .....	18.0	23.7	22.9	25.3		
Greece .....	2.2	2.9	2.8	3.0		
Italy .....	8.6	9.1	8.8	8.9		
West Germany .....	7.4	8.2	8.3	8.6		
U.K. ....	5.7	8.5	8.7	10.3		
Other EEC .....	2.2	2.7	2.9	3.5		
Other West Europe ..	8.1	9.6	6.5	8.5	+31%	2%
Spain .....	4.3	5.9	3.4	4.4		
Sweden .....	1.4	1.2	1.1	1.5		
Others .....	2.4	2.5	2.0	2.6		
<b>Wheat Trade:</b>						
<b>Imports</b>						
Total West Europe ...	6.7	6.8	6.8	4.7	-31%	9%
EEC <sup>2</sup> .....	5.0	4.8	4.8	3.5		
U.K. ....	2.9	1.4	1.5	1.2		
Italy .....	2.2	1.9	1.6	1.2		
West Germany .....	1.0	0.1	0.1	—		
Other EEC .....	2.5	1.4	1.5	1.1		
Other West Europe ..	1.7	2.0	2.1	1.2		
<b>Exports</b>						
Total West Europe ...	8.1	15.3	14.9	15.4	+3%	16%
EEC <sup>2</sup> .....	7.2	13.6	14.0	14.1		
Non-EEC .....	0.9	1.7	0.9	1.3		

<sup>1</sup> Ten Member States.

<sup>2</sup> Totals for ten member states and world totals exclude intertrade between member states. Figures for individual member states show gross exports & gross imports, except in 1978-79 for imports.

<sup>3</sup> Preliminary — subject to revision.

Source: I.W.C. World Wheat Statistics, 1983.

I.W.C. Review of the World Wheat Situation, 1982-83, Appendix Tables 2 and 3.

## EASTERN EUROPE

### Production:

Wheat production in Eastern Europe in 1982 narrowly missed the 1978 record of 35.8 million tonnes. Total output was 34.6 million tonnes, a 13 per cent increase from 1981-82.

Better crops in Hungary, Romania and Yugoslavia were the main reason for the rise in total production. Good spring rains sustained crops throughout a dry summer in Hungary, Romania and other southern regions of Eastern Europe. Northern regions were drier right through the growing season, particularly in Poland and East Germany. Wet weather arrived at harvest time, which lowered quality and delayed harvesting in most parts of Eastern Europe.

### Trade:

Larger domestic crops lowered total Eastern European wheat imports in 1982-83. At 4.1 million tonnes, total imports were 34 per cent lower than the year before.

**TABLE 5**  
**EASTERN EUROPE**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Tot <sup>2</sup>
(millions of tonnes)						
<b>Wheat Production:</b>						
Total East Europe ...	32.2	34.4	30.6	34.6	+13%	7%
Albania .....	0.3	0.4	0.4	0.4		
Bulgaria .....	3.2	3.8	4.4	4.9		
Czechoslovakia ....	4.7	5.4	4.3	4.6		
Germany,						
Dem. Rep. of ....	2.9	3.1	2.9	2.7		
Hungary .....	4.8	6.0	4.6	5.7		
Poland .....	5.3	4.2	4.2	4.5		
Romania .....	5.8	6.4	5.4	6.5		
Yugoslavia .....	5.2	5.1	4.3	5.2		
<b>Imports:</b>						
Total East Europe ...	5.2	6.6	6.2	4.1	-34%	4%
Poland .....	2.8	3.9	3.8	2.8		
Germany,						
Dem. Rep. of ....	1.0	0.9	0.5	0.6		
Czechoslovakia ....	0.5	0.3	0.1	0.1		
Others .....	0.9	1.5	1.8	0.6		

<sup>1</sup> Preliminary — subject to revision.

Source: I.W.C. World Wheat Statistics, 1983.

I.W.C. Review of the World Wheat Situation, 1982-83 Appendix Tables 2 and 3.

## AFRICA

### Production:

Wheat production in Africa rose 12 per cent to 9.9 million tonnes in 1982-83. Much of the increase





was due to a recovery in Morocco, where total wheat production in 1982 was two and one half times higher than the drought-reduced crop of 1981. Tunisia and Algeria suffered from drought. Wheat production in South Africa set a new record.

**Trade:**

African countries reduced their imports of wheat by 10 per cent in 1982. This was mainly due to Morocco's substantially lower imports, which were only 1.4 million tonnes compared with 2.3 million tonnes purchased the year before.

**TABLE 6  
AFRICA**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production:</b>						
Total Africa .....	8.8	8.7	8.8	9.9	+12%	2%
Algeria .....	1.1	1.5	1.4	1.0		
Egypt .....	1.9	1.8	1.9	2.0		
Ethiopia .....	0.5	0.5	0.5	0.5		
Morocco .....	1.7	1.8	0.9	2.2		
South Africa .....	1.9	1.5	2.3	2.4		
Tunisia .....	0.7	0.9	1.0	1.0		
Others .....	1.0	0.7	0.8	0.8		
<b>Imports:</b>						
Total Africa .....	11.4	15.9	16.6	15.0	-10%	15%
Algeria .....	1.5	1.8	2.3	2.0		
Egypt .....	4.6	6.8	6.0	6.2		
Libya .....	0.4	0.5	0.5	0.5		
Morocco .....	1.4	2.1	2.3	1.4		
Nigeria .....	0.9	1.3	1.5	1.3		
Tunisia .....	0.6	0.5	0.7	0.6		
Others .....	2.0	2.9	3.3	3.0		

<sup>1</sup> Preliminary — subject to revision.  
Source: I.W.C. World Wheat Statistics, 1983.  
I.W.C. Review of the World Wheat Situation, 1982-83 Appendix  
Tables 2 & 3.

**SOUTH AND CENTRAL AMERICA**

**Production:**

A record crop in Argentina contributed to a significant increase in South and Central America's wheat production in 1982. Total output was up 57 per cent to 18.1 million tonnes.

Wheat acreage in Argentina was increased, and exceptional weather during the growing season ensured high yields. Heavy rains in June and July damaged wheat seedlings in Brazil and that country had another disappointing crop.

**Trade:**

South and Central America's wheat imports decreased marginally in 1982. Despite a smaller outturn in Brazil, imports by that country were reduced because of an emphasis on the use of domestic wheat through lower subsidies on imported wheat. Argentina's larger crop allowed increased exports in 1982-83 by almost 75 per cent to 7.5 million tonnes.

**TABLE 7  
SOUTH AND CENTRAL AMERICA**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of II World Total
(millions of tonnes)						
<b>Wheat Production</b>						
Total South & Central America .....	12.4	11.8	11.5	18.1	+57%	4
Argentina .....	8.2	7.8	8.1	15.1		
Brazil .....	2.5	2.7	2.2	1.8		
Chile .....	1.0	0.7	0.7	0.5		
Others .....	0.7	0.6	0.5	1		
<b>Imports</b>						
Total South & Central America .....	9.5	10.3	11.1	11.0	-1%	11%
Brazil .....	3.8	3.9	4.6	3.9		
Chile .....	0.9	1.1	1.0	1.1		
Peru .....	0.8	0.9	0.9	0.9		
Venezuela .....	0.7	0.8	0.8	0.8		
Cuba .....	1.0	1.2	1.4	1.4		
Others .....	2.3	2.4	2.4	2.0		
<b>Exports</b>						
Argentina .....	3.9	3.9	4.3	7.5	+74%	8

<sup>1</sup> Preliminary — subject to revision.  
Source: I.W.C. World Wheat Statistics, 1983  
I.W.C. Review of the World Wheat Situation, 1982-83, Appendix  
Tables 2 & 3.

**OCEANIA**

**Production:**

Australia's 1982 wheat crop was the smallest in 10 years. Drought cut the total outturn to 8.9 million tonnes, almost half the 1981 record.

Moisture conditions for winter-sown wheats were very poor throughout fall and winter. Scattered rainfall in the spring was not adequate for good development of the young plants, and the drought forced farmers to cut spring wheat sowings. Wheat-growing regions of eastern Australia received scanty rainfall from May through August while the state of Western Australia benefited from widespread and abundant rains. Overall, wheat yields averaged about .31 tonnes (about 11 bushels) per acre compared with the previous year's average yield of 21 bushels per acre.





### Trade:

Table 8 shows Australian wheat exports in 1982-83 were only 8.5 million tonnes, a sizeable decrease from the level of the previous year. This may appear contradictory, considering total production is estimated at only 8.9 million tonnes. This is because of the reporting period used. The Australian wheat crop is harvested in November and December. The IWC statistics shown here are based on a July/June crop year.

Carryover stocks of Australian wheat were drawn down to 500 000 tonnes, a decrease of two million tonnes from the previous year.

**TABLE 8**  
**OCEANIA**

	1975-76 to 1979-80	1980-81	1981-82	1982-83 <sup>1</sup>	Per cent Change	Per cent of the World Total
(millions of tonnes)						
<b>Wheat Production:</b>						
Australia	13.5	10.9	16.4	8.9	-46%	2%
New Zealand	0.4	0.3	0.3	0.3		
<b>Wheat Trade:</b>						
<b>Exports:</b>						
Australia	10.0	11.1	11.4	8.5	-25%	9%
<b>Imports:</b>						
New Zealand	—	0.1	0.1	0.1	—	—

<sup>1</sup> Preliminary — subject to revision.

Source: I.W.C. World Wheat Statistics, 1983.

I.W.C. Review of the World Wheat Situation, 1982-83, Appendix  
Tables 2 & 3.

## THE COARSE GRAIN SITUATION

### Production:

World production of coarse grains rose to 785 million tonnes in 1982-83, two per cent higher than the 1981 record. On the whole, crops in the Northern Hemisphere benefited from favorable weather while those in the Southern Hemisphere suffered from drought.

Coarse grain production in the U.S. hit a record of about 255 million tonnes, despite the government's 10 per cent voluntary acreage reduction program. Sowings were reduced by only two per cent and, aside from seeding delays caused by a wet spring, weather was generally good. Canada's coarse grain production totaled 26.7 million tonnes, an increase of about three per cent over the year before. Coarse grain production in Western European countries, including the EEC, rose by almost seven per cent to about 94 million tonnes. The Soviet Union is unofficially estimated to

have harvested a larger coarse grain crop in 1982. It was estimated at 86 million tonnes, 19 per cent over the crop produced one year before.

Drought had significant impact on coarse grain crops in Southern Hemisphere countries in 1982. Production in South Africa was cut by half to 4.3 million tonnes. Drought reduced crops in Brazil and Argentina. Australian coarse grain production totaled 3.7 million tonnes, 44 per cent less than in 1981.

World barley production was up six per cent in 1982. At 165 million tonnes, it was the largest since the 1978-79 record of 182.6 million tonnes. Increases in the U.S.S.R., the EEC, and other Western European countries offset losses caused by drought in Australia. U.S. producers had record yields and produced their largest-ever barley crop of 11.4 million tonnes. Record Canadian yields offset a five per cent reduction in area, and production was a record 14.1 million tonnes.

World corn production was up marginally. There were large crops in the Soviet Union and other Eastern European countries, the EEC, and China. Drought severely reduced production in Mexico, Australia, and South Africa. World sorghum production was down, due to smaller crops in the U.S., India, and Mexico.

### Consumption:

World utilization of coarse grains rose in 1982-83 due mainly to increased feed grain consumption within the United States. However, world production exceeded consumption for the second year in a row. The result was a substantial increase in ending stocks to a record 138 million tonnes, 20 per cent higher than the record 115 million tonnes at the end of 1981-82. Much of the increase in carryover stocks took place in the U.S., where the total climbed to a record 98 million tonnes from 71 million tonnes one year earlier.

### Trade and Prices:

Based on the July/June crop year, world trade in coarse grains dropped 14 per cent to 88 million tonnes in 1982-83. A sharp drop in coarse grain imports by the Soviet Union was a major reason for the substantially lower trade. Other countries in Eastern Europe, and countries in Western Europe, reduced their purchases of coarse grains. Exports from Australia and South Africa were considerably smaller in 1982-83. Exports from the U.S. were down 14 per cent to 53 million tonnes.



Canadian barley exports (not including malt) for the August/July crop year were down about seven per cent to 5.3 million tonnes. This compares with a drop in world barley trade of 14 per cent during the same period.

It was hard to imagine that the two per cent increase in world coarse grain production in 1982 could have such a profound impact on prices. However, because the greatest increases were in the Soviet Union and the United States and because it was evident that two-thirds of total carryover at the end of the crop year would be in the U.S., prices reacted negatively to what was perceived to be an "oversupply" of feed grains. In November 1982, U.S. corn f.o.b. (Gulf) was trading at about U.S.\$100 a tonne, \$12 below prices one year earlier. It was not until the announcement in early January of the U.S. government's Payment-In-Kind program for 1983 that prices slowly began to recover. Under PIK, farmers who idled land were reimbursed with commodities from government stocks. The effects of this program, when combined later in the summer of 1983 with drought in U.S. corn and soybean states, increased U.S. corn prices to about U.S.\$145 a tonne by the end of July, 1983.

The benefits of price increases in corn were not felt by barley producers until late in the 1982-83 pool period. Throughout the better part of the year, barley traded at a substantial discount to corn, a reversal of the previous year's relationship. One of the reasons

for this was large crops in major producing regions, notably Western Europe and the U.S.S.R. Another stemmed from the exclusion of barley in the U.S. government's 1983 Payment-In-Kind program. In October 1982, Canadian barley f.o.b. St. Lawrence was close to Cdn.\$120 a tonne, about on par with U.S. corn. At the end of June, 1983, it was Cdn.\$130 a tonne, almost Cdn.\$40 a tonne below f.o.b. values for U.S. corn at Gulf ports. Price increases for barley did not come about until the fall, as drought severely reduced the U.S. corn crop and barley crops in Canada and the EEC suffered from drought. By mid-November, barley and corn prices were about on par.

For statistics on world coarse grain trade and production, see Tables XIX, XX, and XXI of the Statistical Addendum.

## DURUM WHEAT

### Production and Trade:

The International Wheat Council estimates world durum production decreased in 1982 to 25.4 million tonnes, 500 000 tonnes less than the year before. The decrease was due to a three per cent reduction in area, although favorable weather in some producing countries accounted for individual increases.

**TABLE 9**  
**PRODUCTION OF DURUM BY COUNTRY**

Country	1977	1978	1979 (thousands of tonnes)	1980	1981	1982
Algeria	500	650	600	780	750	600
Argentina	300	359	203	201	200	150
Canada	1 276	2 852	1 799	1 943	2 977	3 285
France	264	307	342	427	400	366
Italy	1 980	3 472	3 382	3 658	3 415	3 045
Morocco	1 036	1 441	1 307	1 330	611	1 406
Syrian Arab Rep.	1 217	1 651	1 320	2 226	2 000	1 400
Turkey	4 545	4 559	4 500	4 800	5 335	6 125
United States	2 176	3 629	2 903	2 950	5 060	4 014
Others <sup>2</sup>	4 406	5 280	5 544	5 885	5 152	5 009
<b>Total World</b>	<b>17 700</b>	<b>24 200</b>	<b>21 900</b>	<b>24 200</b>	<b>25 900</b>	<b>25 400</b>

<sup>1</sup>Preliminary — Subject to revision.

<sup>2</sup>Including estimates for the U.S.S.R. & other Centrally Planned countries.

Source: I.W.C. World Wheat Statistics, 1983.



The durum wheat area in the United States was reduced 25 per cent because of heavy farmer participation in the 1982 15 per cent acreage reduction program. While exceptional weather during the growing season produced record yields, production, at 4.0 million tonnes, was over one million tonnes less than the previous year. Record yields in Canada offset an 11 per cent decrease in area. Total production was almost 3.3 million tonnes, compared with about 3.0 million tonnes in 1981. Production in Morocco more than doubled to 1.4 million tonnes while drought in Italy cut the durum crop by 12 per cent to about 3.0 million tonnes.

Durum trade in 1982-83 declined from the year before. IWC estimates put total trade at close to 4.2 million tonnes, about 600 000 tonnes less than in 1981-82. Canada was again the largest durum exporter at 2.4 million tonnes, followed by the U.S. at 1.5 million tonnes. Together, the two countries

accounted for about 92 per cent of world durum trade. Carryover stocks of durum in the three major exporting countries of Canada, the EEC, and the U.S. rose 10 per cent at the end of 1982-83 to 5.5 million tonnes

### THE INTERNATIONAL WHEAT AGREEMENT

The sixth extension of the International Wheat Agreement of 1971 continued during most of the 1982-83 crop year. The seventh extension of the Agreement came into effect June 30, 1983, and will remain until June 30, 1986. The Agreement consists of two instruments, the Wheat Trade Convention and the Food Aid Convention. The research and advisory work for the two is carried out by the International Wheat Council, of which Canada is an Executive Committee member.

**TABLE 10**  
**TRADE IN DURUM WHEAT AND WHEAT FLOUR**

Crop Year (July-June)	1977-78	1977-79	1979-80	1980-1981	1981-82	1982-83
	(thousands of tonnes)					
A. Imports by Areas and Selected Countries Destination:						
Western Europe .....	1 808	1 323	1 578	1 550	1 570	1 130
EEC .....	1 670	1 013	1 282	1 377	1 377	1 045
Eastern Europe .....	100	107	172	204	234	114
Poland .....	32	31	116	99	113	38
U.S.S.R. ....	308	275	245	492	966	1 038
North & Central America .....	82	122	196	133	163	83
South America .....	186	210	242	199	252	231
Asia .....	61	51	70	125	81	83
Africa .....	1 296	965	1 607	1 418	1 497	1 478
Algeria .....	1 022	774	1 190	1 054	1 325	1 291
Tunisia .....	235	150	401	217	102	160
World Total (including unspecified) .....	3 883	3 277	4 221	4 138	4 768	4 159
B. Exports by Country:						
Argentina .....	248	—	83	140	8	—
Canada .....	1 943	1 370	1 590	2 170	2 358	2 371
U.S.A. ....	1 647	1 709	2 228	1 610	2 257	1 456
Others .....	45	198	320	218	145	332
World Total .....	3 883	3 277	4 221	4 138	4 768	4 159

<sup>1</sup> Preliminary - subject to revision

Source: I.W.C. World Wheat Statistics 1983, Table 27 for all years except 1982-83.  
I.W.C. Commercial Sales & Special Transactions.



### (i) The Wheat Trade Convention

The Wheat Trade Convention of 1971 has three main features. The International Wheat Council continues as a forum for international co-operation and consultation, and as an agency for the collection and dissemination of information on the world wheat situation. Secondly, it provides for continuous review of the world wheat market through the Advisory Sub-Committee on market conditions. The current Agreement contains no price provisions or other commercial obligations for importers or exporters.

### (ii) The Food Aid Convention

Eleven countries and the EEC were members of the Food Aid Convention during 1982-83. Overall commitments by these countries consisted of 7.3 million tonnes (wheat equivalent) and U.S.\$54.6 million in cash. The commitments and performance of the participating countries are shown in Table 11.

**TABLE 11**  
**FOOD AID CONVENTION MEMBERS AND**  
**OBLIGATIONS**

Donor Country	Minimum Annual Contribution <sup>1</sup> (tonnes)	Shipments Notified <sup>2</sup>
United States ..	4 470 000	5 862 374
EEC .....	1 650 000	1 603 596
Canada .....	600 000	827 591
Australia .....	400 000	325 537
Sweden .....	40 000	37 248
Switzerland ....	27 000	31 482
Norway .....	30 000	22 661
Argentina .....	35 000	22 730
Finland .....	20 000	20 000
Austria .....	20 000	44 200
Spain .....	20 000	15 602
Total .....	7 312 000	8 813 021
Japan .....	U.S. \$54,600,000 <sup>3</sup>	\$56,450,345

<sup>1</sup> As listed in Article III, Paragraph (3) of the Food Aid Convention 1980

<sup>2</sup> Position as at June 30, 1983

<sup>3</sup> Cash Contribution equals 300 000 tonnes wheat equivalent at the "Prevailing Market Price" for wheat in 1982-83 is U.S. \$182.00 per tonne.

Source: Food Aid Committee, Draft Report on the Performance of Members in 1982-83 (FA 46/4 Tables 1 & 3), November 8, 1983



## PART II SALES AND PRICING OF CANADIAN GRAIN



### INTRODUCTION

Western Canadian exports hit an all-time record 29.4 million tonnes in 1982-83. Unfortunately, the crop year was not as good for prices, which slipped for the second year in a row. But with increased exports, net returns to farmers basis in store Thunder Bay or Vancouver from the sale of Wheat Board grain, was \$5.3 billion, or nine per cent above the previous year.

Stagnant world trade against a buildup in supplies in some of the major exporting countries was the main reason for the further weakening in Canadian grain prices in 1982-83. As during the previous year, the size of exportable supplies was not as important as the location. The underlying determinant of world prices is the price in the largest exporting country, the United States. Prices are set on futures markets there, which tend to reflect the U.S. situation more than the situation in the world as a whole.

Increased use of export subsidies by other competitors also had the effect of lowering returns to Prairie farmers. For example, the U.S. blended credit program, mentioned in Part I of this report, put more pressure on already depressed prices.

While prices and demand for feed grain began to turn around as the crop year closed, 1982-83 was particularly difficult for Canadian barley producers who saw both price and volume drop during the year. It was also difficult for many Prairie wheat producers whose grain suffered from severe early frosts. Although there was a successful special marketing effort for the frosted wheat, movement was slow early in the crop year.

### WHEAT AND WHEAT PRODUCTS

Canadian wheat exports, including durum wheat and wheat flour, reached 21.4 million tonnes in 1982-83, well above the previous records of 18.4 million tonnes in 1981-82 and 16.3 million tonnes in 1980-81.

Increased purchases by the Soviet Union, China, and Brazil accounted for most of the increase in wheat exports. Poland, previously one of the top five customers for Canadian wheat, was forced to cut back purchases because further credit was unavailable.

TABLE 12

### SUPPLY AND DISPOSITION OF CANADIAN WHEAT, OATS AND BARLEY

	Wheat (including Durum)		Oats		Barley	
	1982-83 <sup>1</sup>	1981-82	1982-83 <sup>1</sup>	1981-82	1982-83 <sup>1</sup>	1981-82
	(thousands of tonnes)					
Inward Carryover — August 1						
— On farms	3 605	1 645	640	610	1 980	1 140
— In commercial facilities	6 153	6 925	215	150	2 181	2 063
Production	26 790	24 802	3 684	3 188	14 074	13 724
Total Supplies	36 548	33 372	4 539	3 948	18 235	16 927
On Farm Use	2 470	2 735	3 031	2 653	5 515	5 301
Commercial Use in Canada	2 628	2 431	308	389	1 726	1 476
Exports <sup>2</sup>	21 368	18 447	105	51	5 670	5 989
Total Use	26 466	23 613	3 444	3 093	12 911	12 766
Outward Carryover — July 31	10 082	9 759	1 095	855	5 324	4 161

<sup>1</sup> Preliminary - Subject to revision.

<sup>2</sup> Includes products in grain equivalent.

<sup>3</sup> Revised



However, Poland did continue to purchase smaller quantities for cash. Purchases by the United Kingdom fell from previous years, mainly because of an increase in wheat production within that country.

Table 13 shows the major customers and total purchases for the past three years. A more detailed list of exports of Canadian wheat and products is provided in Table XII in the Addendum.

Pessimism that prevailed in world wheat markets as the year opened continued right through the next 12 months. This was evident by the consistently low and stable wheat prices during that period. In August 1982, the price for No. 1 CW, 13.5% at Thunder Bay was running around Cdn.\$205 per tonne. That turned out to be the approximate average for the whole crop year, with the only significant fluctuation when navigation was closed and the Wheat Board applied the winter shipping premium. The average for the previous crop year was about \$215 per tonne, and in 1980-81, \$248 per tonne.

One of the biggest challenges in 1982-83 was the marketing of wheat damaged by August frosts. While this wheat did not meet all the specifications of the top three grades, tests following harvest showed much of it was still suitable for milling.

For a detailed description of the marketing plan for this wheat, please see Part IV of this annual report.

**TABLE 13**  
**CANADIAN WHEAT<sup>1</sup> (INCLUDING DURUM) AND**  
**WHEAT FLOUR EXPORTS TO MAJOR MARKETS**

Country	1982-83	1981-82 (thousands of tonnes)	1980-81
U.S.S.R.	6 959	5 019	4 219
China	4 424	3 101	2 879
Brazil	1 503	1 316	1 284
Japan	1 341	1 367	1 382
U.K	1 109	1 366	1 409
Cuba	1 101	1 050	982
Italy	624	515	767
Poland	622	1 674	1 091
Algeria	517	595	665
Others <sup>1</sup>	3 168	2 444	1 584
<b>TOTAL</b>	<b>21 368</b>	<b>18 447</b>	<b>16 262</b>

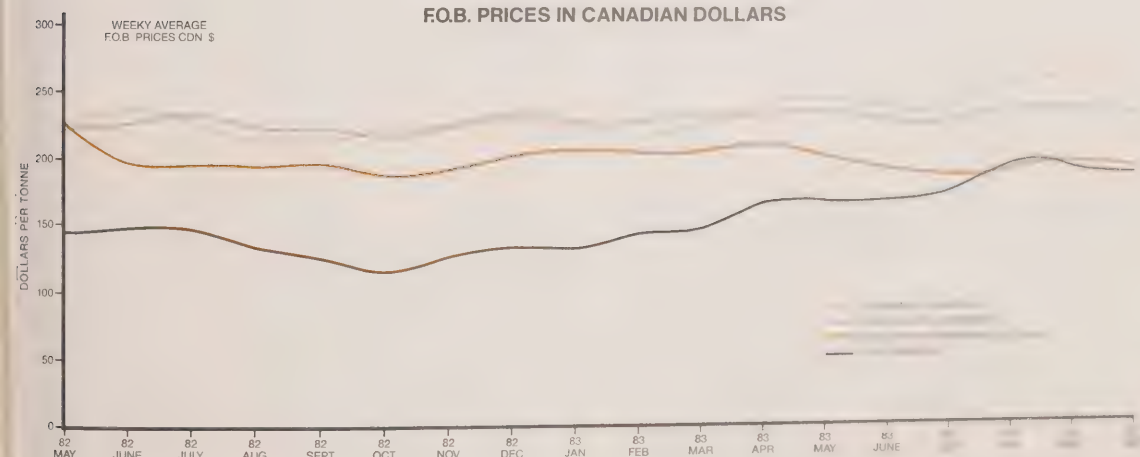
<sup>1</sup> Includes Bagged Seed exports

Source: Canadian Grain Commission 1982-83 Previous Years  
— Statistics Canada

#### DURUM WHEAT

Of the total 21.5 million tonnes of wheat exports, approximately 2.7 million tonnes was durum. This was another new record. Table 14 shows the major purchasers for the past three years. Of the top three customers, the Soviet Union and Italy significantly increased purchases. There was a slight decline in Algerian durum imports, largely due to increased production within that country the year before.

**CHART III — MAY 1982 TO OCTOBER 1983**  
**F.O.B. PRICES IN CANADIAN DOLLARS**





As shown in Chart III, durum prices ran close to Canada Western Red Spring wheat prices for much of the crop year. During the earlier part of the marketing year, there were several occasions when No. 1 Canada Western Amber Durum prices fell below those for No. 1 Canada Western Red Spring wheats. The reason for the low durum prices was due mainly to limited sales of U.S. durums. Durum prices started to strengthen in the spring due to high participation in the U.S. PIK program and dry conditions in major durum importing countries.

**TABLE 14**  
**CANADIAN DURUM EXPORTS TO MAJOR MARKETS**

Country	1982-83	1981-82 (thousands of tonnes)	1980-81
U.S.S.R.	1 204	860	496
Italy	526	423	526
Algeria	512	590	654
France	99	88	12
Cuba	59	44	34
Poland	59	112	93
Libya	47	52	24
Others	181	141	236
TOTAL	2 687	2 310	2 075

Source: Canadian Grain Commission 1982-83 —  
Statistics Canada Previous Years.

#### BARLEY AND BARLEY PRODUCTS

Canadian barley exports, at 5.7 million tonnes, were down about five per cent from the 1981-82 record. A 13 per cent decline in world coarse grain demand and strong competition from EEC barley were the main reasons for the drop. The year saw a sharp decrease in Soviet purchases, but increased shipments to the Middle East (some of this through Belgium/Luxembourg transfer and bagging facilities) and to the German Democratic Republic. The latter had not been a significant Canadian barley customer for some years, but during the year, it made a large purchase of 700 000 tonnes. This later led to a three-year agreement, establishing the G.D.R. as a major customer for Canadian barley.

As shown in Table 15, exports of barley malt increased from 267 000 tonnes in 1981-82 to 340 000 tonnes in 1982-83. However, malting barley exports, which are included in the bulk barley exports of 5.3 million tonnes, fell from 467 000 tonnes in 1981-82 to 327 000 tonnes in 1982-83. Malting barley purchases were smaller mainly due to reduced purchases by the United States, who had produced ample sup-

plies of malting barley following a favorable growing season. The markets in 1982-83 for malting barley included the United States at 110 000 tonnes, Colombia at 101 000 tonnes, China at 83 000 tonnes, Peru at 16 000 tonnes, and Japan at 17 000 tonnes.

Through most of the year, the price outlook for coarse grain was even more bleak than for wheat. The continued buildup in U.S. corn stocks, and the sharp decline in world demand, kept prices for all coarse grains at low levels. Barley prices were further depressed, largely because of an increase in world barley supplies, particularly in the EEC.

However, good participation in the U.S. set-aside and PIK programs considerably reduced 1983 planting of U.S. corn. Combined with a summer drought in the United States, Canada, and the EEC, coarse grain prices turned dramatically. Barley prices, already buoyed by the U.S. corn situation, began to respond further. After trading as much as \$30 per tonne under corn as late as June 1983, barley was about even by November.

**TABLE 15**  
**CANADIAN BARLEY EXPORTS TO MAJOR MARKETS**

Country	1982-83	1981-82 (thousands of tonnes)	1980-81
U.S.S.R.	1 526	2 780	1 573
Japan	970	914	805
German Dem. Republic	600	103	—
Belgium/Lux.	481	121	—
Spain	410	235	—
Italy	310	417	344
Israel	252	209	124
United States	121	202	111
Colombia	101	86	48
Cuba	42	53	60
Others	517	602	172
TOTAL BARLEY	5 330	5 722	3 237
TOTAL MALT	340	267	271
GRAND TOTAL	5 670	5 989	3 508

Source: Canadian Grain Commission 1982-83.  
Previous Years — Statistics Canada.

#### OATS

Although more than double the previous year, Canadian oats exports, at 104 000 tonnes, continued to be relatively low. Of the total, 82 000 tonnes went to the United States, most of which was used to fill a deficit of higher-quality oats for milling.



## DOMESTIC FEED GRAIN POLICY

During the 1982-83 crop year, the Wheat Board continued to act as a residual supplier of domestic feed grains at prices established by the corn-competitive formula.

As shown in Table 16, Wheat Board sales to the domestic feed grain market were about 454 000 tonnes, or 23 per cent of commercial disappearance. Total commercial disappearance of wheat, oats, and barley for feed, at 1.9 million tonnes, was again low in comparison to previous years. This was mainly due to large supplies of U.S. and eastern Canadian corn.

In December 1982, the federal government announced it would extend its policy of compensating the Board for the difference between domestic and export feed grain prices. The federal government had provided a maximum of \$8 million in payments to the Board for this purpose during the 1982 navigation season. Provisions for another \$8 million maximum payment were made to cover the period from the 1983 opening of navigation at Thunder Bay until July 31, 1983. During most of this period, export feed grain prices were often at a discount to domestic levels. As a result, the federal government was only required to make an \$8,000 payment.

**TABLE 16**  
**WHEAT BOARD SALES OF CANADIAN**  
**DOMESTIC FEED GRAINS**

Crop Year	Wheat	Oats (000 of tonnes)	Barley	Total
1982-83	258	98	98	454
1981-82	364	111	226	701
1980-81	355	10	32	397
1979-80	337	101	52	490
1978-79	91	27	28	146

## DOMESTIC WHEAT PRICES

Minimum and maximum wheat prices to Canadian millers remained unchanged from the 1981-82 crop year. For No. 1 Canada Western Red Spring wheat, 3.5 per cent protein, in store Thunder Bay, there was a minimum price of \$183.72 per tonne (\$5.00 per bushel) and a maximum of \$257.21 per tonne (\$7.00 per bushel). The minimum price established for durum wheat, based on No. 1 Canada Western Amber Durum wheat at Thunder Bay, was also \$183.72 per tonne. There was no maximum price established for durum.

Export prices were above the minimum and below the maximum domestic price throughout the 1982-83 crop year. As a result, no subsidy, either to the producer or consumer, was incurred.

## CREDIT SALES

Wheat Board credit sales of wheat, oats, and barley totaled almost 10 million tonnes during 1982-83. This was up considerably from previous years, and reflects the generally poor economic conditions outlined in Part I of this report.

Destinations of Canadian grain exports under credit are shown in Table 17. All credit sales were made at commercial terms and rates. The credit was financed by the Wheat Board and guaranteed by the federal government.

**TABLE 17**  
**1982-83 CANADIAN GRAIN EXPORTS UNDER**  
**CREDIT AGREEMENTS**

1982-83	
1982-83	
<b>Wheat</b>	
Brazil	1 502.8
East Germany	307.8
Iraq	73.9
Jamaica	23.1
Mexico	189.3
Poland	447.8
USSR	5 094.7
sub-total	7 639.4
<b>Barley</b>	
East Germany	599.8
Israel	252.0
Mexico	22.0
USSR	1 426.9
sub-total	2 300.7
<b>Oats</b>	
USSR	13.6
<b>TOTAL WHEAT</b>	
<b>OATS &amp; BARLEY</b>	
	9 953.7

## FOOD AID PROGRAMS

Export shipments of wheat and wheat flour under Canada's food aid programs reached 785 050 tonnes during the 1982-83 crop year, an increase of about eight per cent from last year's level. Most of the





increase went to Bangladesh under the Canadian International Food Aid Program. Bangladesh was again the largest recipient of Canadian food aid with

shipments from all programs totaling 312 483 tonnes. See Table 18 for a list of food aid shipments by country.

**TABLE 18**  
**CANADIAN FOOD AID SHIPMENTS 1982-83**  
**(August/July)**

Country	Canadian International Food Aid Program (Wheat and Flour)	World Food Program (Wheat and Flour) (metric tonnes)	Total
Bangladesh .....	234 479	78 004	312 483
Ethiopia .....	48 647	43 332	91 979
China (PRC) .....	—	71 758	71 758
South Korea .....	—	53 544	53 544
Sri Lanka .....	40 763	—	40 763
Pakistan .....	28 856	—	28 856
Sudan .....	25 696	—	25 696
Egypt .....	—	23 508	23 508
Indonesia .....	—	17 609	17 609
Mozambique .....	16 900	—	16 900
Mali .....	7,325	6,000	13,325
Senegal .....	12 500	—	12 500
Upper Volta .....	6 256	—	6 256
Cyprus .....	—	4 801	4 801
Rwanda .....	4 575	—	4 575
Lebanon .....	—	4 002	4 002
Mauritania .....	3 875	—	3 875
Niger .....	3 730	—	3 730
Somalia .....	—	3 450	3 450
Colombia .....	—	2 318	2 318
Honduras .....	—	2 300	2 300
Nicaragua .....	—	2 205	2 205
Cuba .....	—	2 153	2 153
Haiti .....	—	1 145	1 145
Belize .....	—	491	491
St. Lucia .....	—	345	345
Barbados .....	—	221	221
St. Kitts .....	—	152	152
Antigua .....	—	124	124
Guyana .....	—	124	124
<b>TOTAL</b>	<b>433 602</b>	<b>317 586</b>	<b>751 188</b>
MCC <sup>1</sup> (El Salvador — 100, India — 6 600, Mauritania — 500, Mozambique — 8 500, Singapore — 2 250)			17 950
UNICEF (China (PRC) — 1,332)			1 332
UNRWA <sup>2</sup> (Jordan)			14 580
<b>GRAND TOTAL</b>			<b>785 050</b>

<sup>1</sup> Mennonite Central Committee

<sup>2</sup> United Nations Relief and Works Agency

# PART III

## THE SUPPLY AND TRANSPORTATION OF CANADIAN GRAIN



### INTRODUCTION

Despite less-than-ideal conditions, prairie producers grew the largest crop in history in 1982-83, and their handling and transportation system responded by moving record amounts to market. Western Canadian grain exports (including products) reached 29.4 million tonnes, just short of the 30-million-tonne target originally set for 1985.

This grain was delivered steadily throughout the crop year, allowing efficient railway operations in the country. Aided by a continued addition of new hopper cars to the grain fleet, and a slowdown in traffic of other commodities, the railways moved grain to port in record amounts.

There was one major interruption to exports during the year. From October 19 to November 4, a labour-management dispute involving West Coast longshoremen resulted in an estimated loss of about one million tonnes of shipping capacity. As a result, the West Coast ports were not able to exceed the export record set the previous year.

### THE CROP: DEVELOPMENT, SIZE, AND QUALITY

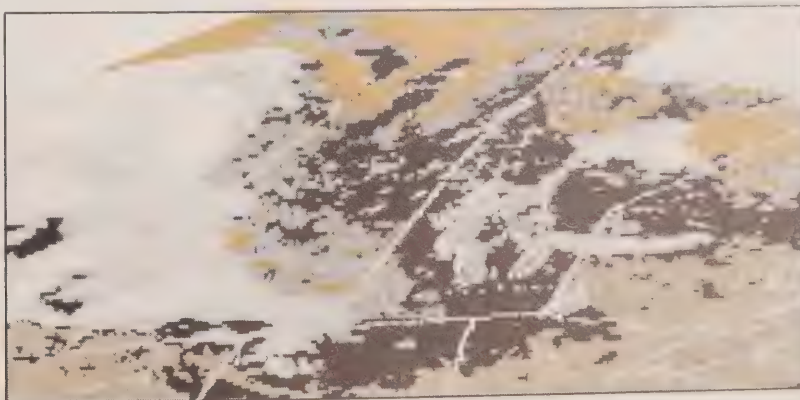
Production of 45.5 million tonnes, especially under less-than-ideal conditions, was a remarkable achievement by prairie farmers. Until 1981, the largest crop ever grown in Western Canada was 37.9 million tonnes in 1976. The 1981 crop was surprisingly high at 42.0 million tonnes, yet the 1982 crop was

even larger — 45.5 million tonnes is 35 per cent higher than the previous 10-year average.

A cool, wet spring delayed seeding throughout most of the Prairies. In May, much of Saskatchewan and Alberta received two to four times normal precipitation. Heavy snow fell in both provinces in early June. As a result, seeding in most of the Prairies was not complete until a week to 10 days later than normal.

However, the heavy May rains provided the necessary soil moisture for good germination, and sustained the crop through one of the driest Junes on record. In July, most regions received rains during the critical heading stage, ensuring record yields. Growing conditions were generally normal throughout most of August, and the crop was developing well, though somewhat behind because of late seeding and cool temperatures.

Then, on August 26 and 27, severe frost hit northeastern Saskatchewan and western Manitoba. In some areas, ground level temperatures as low as minus eight degrees Celsius persisted for several hours during the night. The satellite photograph below shows the areas of the Prairies hit by frost on August 27. The areas shown in darkest colour or grey, which include the southwestern corner of Manitoba and much of the grain-growing area of Saskatchewan, were most severely affected. The rest of the Prairies either had milder temperatures or was protected by cloud cover.



Colder Than -5  
-2 to -5  
+1 to -2  
Warmer Than +1



Wet conditions in September interrupted harvesting operations, and some areas received one to two times the normal precipitation. Before the end of September, some parts of Alberta and Saskatchewan again received a heavy snowfall.

Although quality was greatly affected by the frost, quantity was not. Production in both Manitoba and Saskatchewan increased over the previous crop year, with 7.7 and 22.3 million tonnes, respectively. Alberta's crop decreased slightly, but all three provinces were well above their 10-year average. Part of the increase was due to increased area. Seedings rose by about two million acres in both 1981 and 1982. But yields in 1982 reached records for the major grains, with wheat at 31.6 and barley at 50.0 bushels per acre. Table 19 shows 1982 Prairie yields and production, as well as the 10-year average.

The decrease in the quality of the crop resulted in reduced supplies of malting barley, but the downgrading was especially significant in the wheat crop. About 20 per cent qualified only for the lowest grade Canada Feed, which in 1981 accounted for only one per cent of total wheat production. However, test following harvest showed much of the frost-damaged wheat was still suitable for milling, although it did not meet all of the specifications of the top three grades. The Wheat Board, in cooperation with the Canadian Grain Commission, developed a special marketing plan whereby frost-damaged wheat meeting a set of minimum specifications was binned separately at terminals, and called "Wheat - Special Bin". A full report on the marketing program for this wheat is contained in Part IV of this report.

Table 20 shows the estimated grade distribution of the 1982 crop.

**TABLE 19**  
**1982<sup>1</sup> PRAIRIE YIELDS & PRODUCTION**

	ALBERTA				SASKATCHEWAN			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81
Wheat	32.4	29.1	6.0	4.1	30.8	25.5	16.4	11.4
Barley	49.5	44.5	6.7	5.2	48.4	39.6	3.6	3.1
Oats	62.9	56.8	1.4	1.4	56.4	47.5	.9	1.1
Rye	31.0	28.6	.2	.2	31.6	22.1	.4	.2
Flaxseed	20.0	17.0	.1	.1	18.4	14.6	.2	.2
Rapeseed	22.6	19.7	1.0	.8	23.3	20.2	.8	.8
TOTAL *	N/A	N/A	15.4	11.8	N/A	N/A	22.3	16.8

	MANITOBA				TOTAL PRAIRIES			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81	1982	10-Year Average 1972-81
Wheat	34.0	26.5	3.7	2.3	31.6	26.4	26.2	17.9
Barley	54.5	40.5	2.4	1.6	50.0	42.6	12.7	9.9
Oats	61.7	47.1	.6	.7	60.3	51.3	2.9	3.1
Rye	36.4	27.0	.2	.1	32.5	25.2	.8	.5
Flaxseed	18.6	13.0	.4	.2	18.6	14.0	.7	.5
Rapeseed	21.8	19.6	.4	.3	22.7	19.9	2.2	1.9
TOTAL *	N/A	N/A	7.7	5.2	N/A	N/A	45.5	33.8

Source: Statistics Canada.

\* Production totals may not add up due to rounding.

<sup>1</sup> Preliminary — Subject to revision.



**TABLE 20**  
**ESTIMATED GRADE DISTRIBUTION**  
(Per cent of Production)

	1982	1981
<b>Wheat Grades</b>		
1 CW Red Spring	25%	47%
2 CW Red Spring	26	36
3 CW Red Spring	28	15
1 Canada Utility	0.6	0.5
2 Canada Utility	0.4	0.5
Canada Feed	20	1
<b>Barley Grades</b>		
1 & 2 CW Six-Row	4.5	8
1 & 2 CW Two-Row	5.5	6
1 Feed	82	83
2 Feed & Lower	8	3
<b>Durum Grades</b>		
1 CW Amber Durum	27	27
2 CW Amber Durum	29	34
3 CW Amber Durum	23	24
4 CW Amber Durum	16	11
5 CW Amber Durum	5	4
<b>Oats Grades</b>		
1 CW & 2 CW	2.5	3
Extra 1 Feed	6.5	5
1 Feed	84	85
2 Feed & Lower	7	7

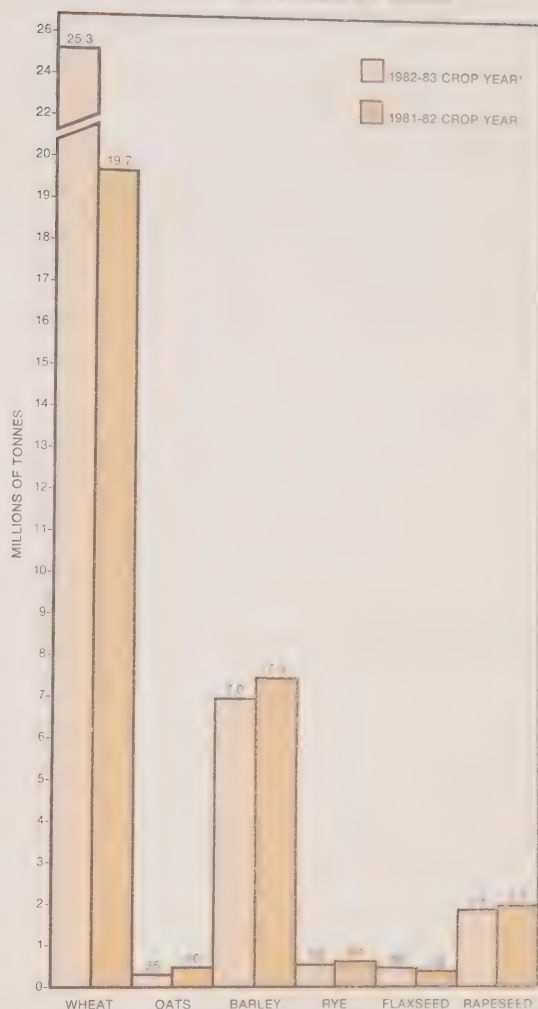
#### PRODUCER DELIVERIES

Producers delivered 35 707 000 tonnes of the six major grains during the 1982-83 crop year, topping the 1981-82 record by over five million tonnes. Wheat deliveries accounted for most of this increase. Barley deliveries fell by nearly 500 000 tonnes. Producer deliveries by grain are shown in Chart IV.

The sharp increase in overall deliveries was enabled partly by the greater number of rail cars in the grain fleet. The increase in rail car supply during the first 15 weeks of the crop year was mainly on CP lines. CN car supply for the first 10 weeks was slightly higher than a year earlier, but dropped off in late October, due to the labour-management dispute on the West coast.

Space in country elevators was tighter on CN lines throughout the crop year. Much of the supplies of barley and frost-damaged wheat, which moved slowly through the year, were in the northern parts of the

**CHART IV**  
**PRODUCER DELIVERIES BY GRAIN**



\* Preliminary — Subject to Revision  
Source: Statistics Canada and Canadian Grain Commission

Prairies, which are served mainly by CN Rail. Also, the broader range of grades that had to be handled in northern regions in 1982-83 reduced handling efficiency and reduced CN turnaround time.

Many farmers delivering to CN rail lines had difficulty filling quotas by the end of the crop year. In July, in order to relieve congestion on CN lines, bring supplies forward, and to maintain the Churchill program, the Board leased 2,000 hopper cars for use on



**TABLE 21**  
**SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1982**

	Quota Name	Kilograms/ Quota Acre	Bushels/ Quota Acre	Grades	Area
Hard Red Spring Wheat	A	80	2.9	All	All
	B	80	2.9	All	All
	C*	80	2.9	1 & 2 CW	All
	D*	80	2.9	3 CW	All
	E*	80	2.9	1 & 2 CW	All
	F*	80	2.9	Canada Feed	All
	G*	80	2.9	1 & 2 CW	All
	H*	135	5.0	1 & 2 CW	All
	I*	270	10.0	1 & 2 CW	All
	J*	55	2.0	3 CW	All CP
					Rail Lines
Durum	A	80	2.9	All	All
	B	80	2.9	All	All
	C	80	2.9	All	All
	D	80	2.9	All	All
	E	135	5.0	All	All
	F	135	5.0	All	All
	G	270	10.0	All	All
Utility Types of Wheat	A	135	5.0	All	All
	B	80	2.9	All	All
	C	135	5.0	All	All
	D	135	5.0	All	All
	E	270	10.0	All	All
Red Winter Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	135	5.0	All	All
	D	135	5.0	All	All
	E	135	5.0	All	All
	F	270	10.0	All	All
	G	270	10.0	All	All
Soft White Spring Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	135	5.0	All	All
	D	135	5.0	All	All
	E	270	10.0	All	All
	F	270	10.0	All	All
Oats	A	75	5.0	All	All
	B	45	2.9	All	All
	C	60	3.9	All	All
Barley	A	65	3.0	All	All
	B	65	3.0	All	All
	C	65	3.0	All	All
	D	65	3.0	All	All
Rye		510	20.0	All	All
Rye to Distillers		500	19.7	All	All
Flax		330	13.0	All	All
Flaxseed to Crushers		635	25.0	All	All
Rapeseed		1 600	70.5	All	All
Rapeseed (special)		1 600	70.5	3 CW & lower	All

\* Supplementary Quota.



CN lines for 60- to 90-day periods. As there was relatively good space on CP lines in July, and because supplies were needed for exports in August and September, the Board opened an additional 2.0-bushel quota for No. 3 CW and lower in all CP blocks. Unfortunately, this quota could not be applied to CN blocks. Although quotas for Canada Feed wheat were low at the end of July, a 10-bushel quota was opened early in 1983-84, and most had been delivered by the end of October, 1983.

There was a considerable variation in quotas during the crop year, with different types and grades of grain having much higher quotas than others. Due to the poor grade pattern of the wheat crop, relatively high quotas were needed to bring in all available supplies of the top two grades. The cumulative quota for Nos. 1 CW and 2 CW was 805 kilograms (29.6 bushels) per quota acre. Due to the time needed to make and deliver sales of frost-damaged wheat, quotas for lower grades were not as high during the crop year. Cumulative quotas for No. 3 CW and Canada Feed

grades reached only 240 kilograms (8.8 bushels) per acre on CN Rail lines, and 295 kilograms (10.8 bushels) on CP Rail lines.

Barley quotas were also tight during the year, due to larger supplies and a smaller export market. They totaled 260 kilograms (12 bushels) per quota acre. On a cumulative basis, the quotas for the other Board grains were as follows: durum quotas totaled 860 kilograms (31.6 bushels) per quota acre; utility wheat, 755 kilograms (27.7 bushels); red winter wheat, 1215 kilograms (45.0 bushels); soft white spring wheat, 1080 kilograms (39.7 bushels); and oats, 180 kilograms (11.7 bushels). The quotas for off-Board feed grains reached 1035 kilograms (38 bushels) per quota acre for wheat, 925 kilograms (60 bushels) for oats, and 870 kilograms (40 bushels) for barley.

Elevator quotas for non-Board grains reached 510 kilograms (20 bushels) per quota acre for rye, 330 kilograms (13 bushels) for flaxseed, and 1600 kilograms (70.5 bushels) for rapeseed.

Table 21 shows a summary of the crop year quotas.

TABLE 22

STOCKS ON FARMS IN PRAIRIE PROVINCES AS AT JULY 11 FOR YEARS 1978 TO 1982

Grain	1978	1979	1980 (thousands of tonnes)	1981 (thousands of tonnes)	1982	1983
Wheat*	4 904	8 823	4 142	1 533	3 515	2 015
Oats	1 033	864	492	446	536	745
Barley	3 026	3 092	980	992	1 817	3 197
Rye	64	254	127	53	103	210
Flaxseed	104	147	147	56	38	120
Rapeseed	34	249	340	404	71	40
TOTAL	9 165	13 429	6 228	3 484	6 080	6 327

\*Includes Durum Wheat.  
Subject to revision.  
Source: Statistics Canada.

TABLE 23

STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN  
AS AT JULY 31 FOR YEARS 1978 TO 1983

Grain	1978	1979	1980 (thousands of tonnes)	1981 (thousands of tonnes)	1982	1983
Wheat*	7 108	5 957	6 448	6 925	6 153	7 883
Oats	472	417	189	150	215	175
Barley	2 095	1 695	906	2 063	2 181	1 904
Rye	212	248	279	169	231	431
Flaxseed	367	244	440	288	221	347
Rapeseed	291	819	1 137	924	621	446
TOTAL	10 545	9 380	9 399	10 519	9 622	11 186

\*Includes durum wheat.  
Subject to revision.  
Source: Canadian Grain Commission for 1983. All previous years Statistics Canada.



## CARRYOVER

Carryover stocks reached a total of 17.5 million tonnes for all grains in 1982-83, an increase of two million tonnes from the year before. Carryover of higher grade wheat decreased, while lower grade stocks increased. Quotas for Nos. 1 CW and 2 CW enabled most producers to deliver their top grade wheat, but there was slower movement of lower grades, such as Canada Feed.

Barley stocks increased to 5.1 million tonnes, 3.2 million of which were being stored on farms. The high carryover reflected the poor world market for barley in 1982-83. On-farm and commercial stocks for the six grains are shown in Tables 22 and 23.

## COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments for the 1982-83 crop year totaled 33.1 million tonnes, exceeding last year's record by 2.8 million tonnes. The greatest increase was in Saskatchewan, where elevator shipments reached 18 million tonnes, compared to 15.3 million in 1981-82. In Alberta and British Columbia, shipments fell by 195 000 tonnes, reflecting the high concentration of barley in this area.

Table 24 details country elevator shipments in the prairie provinces.

**TABLE 24**  
**COUNTRY ELEVATOR SHIPMENTS**  
(thousands of tonnes)

Grain	1982-83				1981-82			
	Man.	Sask.	Alta. <sup>1</sup>	Total	Man.	Sask.	Alta. <sup>1</sup>	Total
Wheat .....	3 113	12 916	5 060	21 089	2 644	10 098	4 901	17 643
Durum .....	150	2 287	434	2 871	167	2 090	381	2 638
Oats .....	65	64	239	368	78	102	285	465
Barley .....	1 232	1 997	3 586	6 815	1 432	2 158	3 869	7 459
Rye .....	108	170	110	388	121	201	185	507
Flaxseed .....	242	111	29	382	204	134	55	393
Rapeseed .....	197	457	574	1 228	182	552	551	1 285
Total .....	5 107	18 002	10 032	33 141	4 828	15 335	10 227	30 390

<sup>1</sup> Includes British Columbia.

Source: Canadian Grain Commission.

**TABLE 25**  
**OVERSEAS EXPORTS<sup>1</sup> OF CANADIAN GRAIN BY PORT AREA 1982-83 and 1981-82**  
(1981-82 Exports shown in italics)

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Total
	(thousands of tonnes)												
West Coast .....	1 058	952	454	829	871	1 013	939	1 152	992	1 093	1 105	1 063	11 521
	<i>925</i>	<i>983</i>	<i>956</i>	<i>929</i>	<i>812</i>	<i>826</i>	<i>826</i>	<i>1 096</i>	<i>1 048</i>	<i>1 119</i>	<i>1 123</i>	<i>981</i>	<i>11 624</i>
Churchill .....	191	248	118	—	—	—	—	—	—	—	—	—	557
	<i>148</i>	<i>188</i>	<i>103</i>	—	—	—	—	—	—	—	—	—	<i>435</i>
Thunder Bay .....	40	90	89	100	42	—	—	—	50	70	56	70	607
	<i>26</i>	<i>35</i>	<i>258</i>	<i>204</i>	<i>27</i>	—	—	—	<i>31</i>	<i>204</i>	<i>97</i>	<i>75</i>	<i>957</i>
St. Lawrence <sup>2</sup> .....	781	1 307	1 675	2 022	1 397	252	391	638	1 252	2 077	1 802	1 525	15 119
	<i>880</i>	<i>1 068</i>	<i>1 090</i>	<i>2 029</i>	<i>1 098</i>	<i>278</i>	<i>377</i>	<i>446</i>	<i>979</i>	<i>1 767</i>	<i>1 812</i>	<i>1 363</i>	<i>13 187</i>
Atlantic .....	—	13	20	—	—	163	182	171	83	2	23	—	657
	—	<i>31</i>	<i>21</i>	<i>27</i>	<i>29</i>	<i>168</i>	<i>138</i>	<i>219</i>	<i>140</i>	<i>60</i>	<i>29</i>	—	<i>867</i>
Total .....	2 070	2 610	2 356	2 951	2 310	1 428	1 512	1 961	2 377	3 242	2 986	2 658	28 461
	<i>1 979</i>	<i>2 305</i>	<i>2 428</i>	<i>3 189</i>	<i>1 966</i>	<i>1 272</i>	<i>1 341</i>	<i>1 761</i>	<i>2 198</i>	<i>3 150</i>	<i>3 061</i>	<i>2 419</i>	<i>27 068</i>
Exports to U.S.A. ....	2	—	9	24	49	55	33	40	17	29	35	42	331
	<i>3</i>	<i>6</i>	<i>8</i>	<i>26</i>	<i>21</i>	<i>25</i>	<i>16</i>	<i>13</i>	<i>29</i>	<i>41</i>	<i>39</i>	<i>33</i>	<i>261</i>
Grand Total .....	2 072	2 610	2 365	2 975	2 359	1 483	1 545	2 001	2 394	3 271	3 021	2 700	28 791
	<i>1 982</i>	<i>2 311</i>	<i>2 436</i>	<i>3 215</i>	<i>1 987</i>	<i>1 297</i>	<i>1 357</i>	<i>1 774</i>	<i>2 227</i>	<i>3 191</i>	<i>3 100</i>	<i>2 452</i>	<i>27 329</i>

<sup>1</sup> Includes corn exports.

<sup>2</sup> Includes exports direct from Bay ports.

Source: Canadian Grain Commission "Canadian Grain Exports".



## PORT AREAS

Canadian bulk grain and oilseed shipments, excluding products, reached an all-time high of 28 796 574 tonnes in 1982-83, nearly 1.5 million tonnes higher than the record set the previous crop year. The high export levels were mainly due to the combined performances of Thunder Bay and St. Lawrence ports, which exceeded their previous export record of 14.1 million tonnes of grain by 11 per cent.

Monthly and total export clearances of all grain and oilseeds by port area are shown on Table 25.

## WEST COAST SHIPMENTS

Grain exports through West Coast ports totaled 11 521 249 tonnes, just under the record of 11 624 995 tonnes shipped in 1981-82. However, exports from the Prince Rupert terminal surpassed last year's record, with total clearances of 1.396 million tonnes.

West Coast shipments for the first month of the crop year were well ahead of 1981-82 exports, but began to drop in September, when West Coast grain handlers withdrew overtime and weekend work, pending ratification of their contract. Exports were down to half of last year's clearances in October, when a longshoremen/management dispute halted vessel loading from October 19 to November 4. Grain handlers at both ports continued to unload rail cars, but the Board cancelled rail shipment programs as the terminals became plugged. At the end of October, 32 vessels were waiting to load 749 467 tonnes of grain and oilseeds. Terminal operations slowly resumed in early November, when longshoremen resumed work, and unloads increased when grain handlers ratified their contract and worked weekends and overtime. But it wasn't until the new year that exports resumed their normal pace, with January exports reaching a record 1 059 000 tonnes, exceeding the previous January record of 884 000 tonnes set in 1981.

Throughout the winter, there were virtually no weather interruptions to hamper shipments from the West Coast. The strong pace continued for the rest of the 1982-83 shipping season, with an average monthly clearance of 1.05 million tonnes for the last seven months of the crop year. A breakdown of West Coast exports is given on Table 26.

TABLE 26  
WEST COAST EXPORTS 1982-83

	Number of Vessels	Exports (thousand tonnes)
Prince Rupert		
Wheat	54	1 376.6
Oilseeds	5	19.0
Vancouver		
Wheat	259	6 646.5
Oats	1	2.1
Barley	92	2 044.5
Rye, Flax, Rapeseed	87	1 432.6
Total	498	11 521.3

## THUNDER BAY AND ST. LAWRENCE

Exports from Thunder Bay and St. Lawrence reached a record 15 726 116 tonnes of grain, more than 1.5 million tonnes greater than the previous high set in 1981-82.

Although stocks in Thunder Bay remained high throughout most of the crop year, steady supplies of lake freight to the St. Lawrence kept grain car unloads up. Thunder Bay closed December 23 and shipments from then until spring opening of navigation were, as usual, limited to one-third the size of an open-water program.

As well as filling up terminals for the spring opening of navigation, winter shipments to Thunder Bay sustained the direct-rail export program to the St. Lawrence. This movement began on January 17 and finished on March 29. In total, 131 unit trains moved from Thunder Bay to ports on the St. Lawrence, carrying 1.1 million tonnes of grain, 300 000 tonnes less than the previous year's record program. Moose Jaw inland terminal supplied 27 386 tonnes of wheat directly to the port of Quebec, supplementing the winter rail program.

The Thunder Bay spring shipping season got underway early, on March 31, when the vessel V.W. Scully arrived from Georgian Bay. It took on a 24 439-tonne cargo of durum and wheat and sailed April 1. As soon as the Seaway opened, the Board immediately began moving the 600 000 tonnes of grain that had been stored in lakers since December. Due to construction over the winter, movement through the Welland Canal could not start until April 5.





Later in April, Thunder Bay vessel clearances were heavy and grain car unloads picked up. With good lake freight available, Thunder Bay unloaded a record 8 780 cars the first week in July.

The steady supply of lake freight from Thunder Bay kept St. Lawrence transfer elevators operating smoothly. A record 15 119 478 tonnes of grain cleared St. Lawrence ports in 1982-83, up nearly two million tonnes from 1981-82. Many Soviet vessels of the "Marshal" classification, which take on almost four full-size laker cargos, were loaded on the St. Lawrence during the year. The only port capable of giving a vessel this size a full load is Port Cartier, because of its deep berth draft.

## CHURCHILL

Total bulk grain exports from the Port of Churchill in the 1982 shipping season were 556 656 tonnes, consisting mainly of Nos. 1 CW and 2 CW wheat for Poland. During its 12-week shipping season, a total of 10 118 rail cars were unloaded at the port.

The arrival of the "Bandar Demta" on August 3 to load 36 000 tonnes of barley marked the beginning of the year's Churchill exports. The season ended on October 14, with a shipment of barley loaded aboard the M. V. Vitkovice. Total clearances for 1982 were 27 per cent higher than in 1981.

Altogether, 19 vessels loaded at Churchill. Twelve carried wheat to Poland, five carried barley to Western Europe, and two carried cargos of pellets to Halifax and Liverpool. In total, 388 705 tonnes of wheat and

167 591 tonnes of barley were shipped from Churchill in 1982, with the remainder of the program consisting of pellets.

**TABLE 27**  
**CHURCHILL SHIPPING SEASON — 1982**  
**EXPORT CLEARANCES BY DESTINATION**

Destination	No. of Vessels	Tonnes
W. Europe	5	167 951
Poland	12	388 705
Total	17	556 656

## ATLANTIC SEABOARD

The Wheat Board's 1982-83 Atlantic export program totaled 563 521 tonnes, down about 10 per cent from 1981-82, when 622 600 tonnes of grain were shipped from the two Maritime ports.

Most of the Wheat Board stocks for the Atlantic program were moved by lake vessel to Georgian Bay and upper lake ports late in the navigation season, and then railed to Atlantic ports during the winter. About 400 000 tonnes of grain for Atlantic export were railed to Halifax and West Saint John in the winter months. This year's program began in January and concluded in April. Board shipments made up 86 per cent of the total grain clearances from Halifax and West Saint John. The balance was eastern Canadian grain.

Stocks in Georgian Bay terminals were adequate to meet the program, and it was not necessary to move grain directly from Thunder Bay to the Atlantic.

**TABLE 28**

	Maximum Country Elevation Tariff 1982-83		1981-82		Average Country Elevation Tariff 1982-83		1981-82	
	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel
Wheat ....	\$7.57	20.6¢	\$7.15	19.5¢	\$7.46	20.3¢	\$6.87	18.7¢
Oats .....	\$12.43	19.2¢	\$11.73	18.1¢	\$11.35	17.5¢	\$10.46	16.1¢
Barley ....	\$9.40	20.5¢	\$8.87	19.4¢	\$9.21	20.0¢	\$8.44	18.4¢

	Maximum Terminal Elevation Tariff 1982-83		1981-82		Average Terminal Elevation Tariff 1982-83		1981-82	
	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel	dollars per tonne	cents per bushel
Wheat ....	\$4.45	12.1¢	\$4.20	11.7¢	\$4.15	11.3¢	\$3.90	10.6¢
Oats .....	\$7.30	11.3¢	\$6.89	10.6¢	\$6.88	10.6¢	\$6.50	10.0¢
Barley ....	\$5.52	12.0¢	\$5.21	11.3¢	\$5.25	11.4¢	\$4.95	10.8¢



### HANDLING AND STORAGE RATES

Maximum terminal and country elevator tariffs for 1982-83 increased from the previous year. The rates are shown in Table 28, together with 1981-82 figures for comparison.

Increases were also made in the eastern transportation and handling costs for 1982-83. Table 29 shows the costs of handling a tonne of wheat at Thunder Bay, lake freight costs, and handling charges at eastern terminals for the last five years. Totals are provided in Table 30.

The maximum fees for removal of dockage at a primary elevator rose in the 1982-83 crop year. They increased from \$2.20 to \$2.33 per tonne for wheat, from \$3.61 to \$3.82 per tonne for oats, and from

\$2.73 to \$2.89 per tonne for barley. Country elevator storage rates rose from 2.2¢ to 2.3¢ per tonne per day for wheat, from 3.6¢ to 3.8¢ per tonne per day for oats, and from 2.7¢ to 2.8¢ per day for barley

### BONUS QUOTA ACRE POLICY

Bonus quota acres were implemented in the 1982-83 crop year, following a study of delivery quota policies by the Wheat Board's Advisory Committee. The policy was introduced to provide a more equitable share of delivery opportunities to farmers in more intensive cropping areas. Producers with summer-fallow and/or miscellaneous crop acreage totaling less than one-third of their acreage seeded to quota grains received bonus quota acres.

TABLE 29  
EASTERN TRANSPORTATION AND HANDLING CHARGES FOR WHEAT  
(Rates Basis Opening of Navigation)

	1979	1980	1981 (dollars per tonne)	1982 (dollars per tonne)	1983	Percentage Increase from 1979
Thunder Bay Costs .....	\$3.165	\$3.420	\$3.765	\$4.250	4.683	48.0%
Elevation <sup>1</sup> .....	2.750	3.000	3.150	3.500	3.900	41.8%
Weighing, Inspection <sup>2</sup> .....	.360	.360	.540	.660	.690	91.7%
LSCA Charges <sup>3</sup> .....	.035	.040	.040	.040	.043	22.9%
Warehouse Receipts Cancellation <sup>4</sup> ....	.020	.020	.035	.050	.050	150.0%
Lake Freight (including Bunker fuel)						
Thunder Bay to Bay ports .....	4.504	5.580	6.720	7.570	7.760	72.3%
Thunder Bay to St. Lawrence .....	7.738	9.440	11.220	12.480	12.920	67.0%
Eastern Terminals <sup>5</sup>						
Bay Ports .....	1.60	1.95	2.100	2.950	3.100	93.8%
St. Lawrence .....	1.60	1.80	2.000	2.100	2.200	37.5%
Atlantic .....	1.60	1.80	2.000	2.100	2.200	37.5%

<sup>1</sup> Receiving, weighing and delivering of grain.

<sup>2</sup> Sampling and grading of grain by an inspector and issuing of inspection certificate.

<sup>3</sup> Fees of Lake Shippers Clearance Association.

<sup>4</sup> Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.

<sup>5</sup> Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

TABLE 30  
TOTAL EASTERN HANDLING AND TRANSPORTATION COSTS FOR WHEAT

	1979	1980	1981 (dollars per tonne)	1982 (dollars per tonne)	1983	Percentage Increase from 1979
Thunder Bay to St. Lawrence .....	\$13.308	\$15.531	\$17.861	\$20.638	21.726	63.3%
Thunder Bay to Halifax .....	19.270	23.331	27.261	31.284	33.154	72.0%



In a study of the new policy, the Board found that quota acres totaled 95,145,307 compared to 88,901,657 if there had been no bonus acre policy. That represented a seven per cent increase or an average of about 43 quota acres per farming operation. The study showed that farmers in more intensive cropping areas received an increase in their delivery base.

A total of 60,086 producers qualified for bonus acres in varying amounts, with over 20,000 of those qualifying for at least 100 additional acres. Some producers in each of the Wheat Board's shipping blocks qualified for bonus acres. In addition to the B.C. area, there were 18 blocks where more than 50 per cent of the producers qualified.

**TABLE 31**  
**THUNDER BAY TO ST. LAWRENCE**  
**WINTER RAIL MOVING COSTS (PER TONNE)**

	1979	1980	1981 (dollars per tonne)	1982	1983	Percentage Increase from 1979
Wheat .....	\$25.434	\$27.568	\$31.109	\$35.823	\$37.954 \$36.278*	49.2%
Barley .....	\$26.725	\$29.359	\$33.004	\$37.950	\$40.176 \$38.479*	50.3%

Figures quoted are rail freight plus they also include — Thunder Bay fobbing, rail shrinkage and seaboard elevation costs.

\* After 600 000 tonne movement, rail freight charges were reduced to previous years' level.



## PART IV OTHER OPERATIONS

### PROMOTIONAL ACTIVITIES

#### Market Development

**Wheat-Special Bin Marketing Program:** As many areas of the Prairies experienced heavy frost during the last week of August 1982, 21 per cent of the red spring wheat crop did not meet the visual specifications of the top three grades of Canada Western Red Spring wheat. Analysis by the Canadian Grain Commission indicated this wheat had a number of desirable milling and baking characteristics. In order to maximize returns for western producers, as large a proportion as possible of the wheat not meeting the grade No. 3 CWRS was marketed by the Wheat Board on the basis of export terminal out-turn as "Wheat - Special Bin".

The Wheat Board's Sales and Market Development staff worked out a marketing plan for this frost-damaged wheat, which included several key elements:

1. The Canadian Grain Commission made extensive laboratory tests of milling and baking qualities and provided their advice to the Wheat Board to help in assessing marketability in different areas of the world.
2. The wheat itself was identified and binned in terminals as "Wheat - Special Bin" so it could be sold for export in accordance with a set of minimum physical specifications that could meet or exceed the needs of prospective customers.

Frost-damaged wheat was monitored by the Canadian Grain Commission inspectors as it was unloaded, and binned accordingly at terminals. Bins that contained wheat equal to or better than the minimum export specifications were designated as "Wheat - Special Bin".

The Certificate Final issued by the Canadian Grain Commission on export shipments read simply "Wheat - Special Bin". This certificate was issued along with a letter from the Grain Commission listing the actual specifications of each shipment, to allow comparison to the guaranteed minimum export specifications.

3. Extensive work was required to communicate with buyers who would be interested in the special

product. A letter describing Wheat - Special Bin was sent to all prospective customers. It indicated the main quality characteristics of the wheat, provided data showing the range in quality customers could expect from one shipment to another, and listed minimum specifications guaranteed on each shipment. A total of 81 type samples, accompanied by this letter, were sent to points overseas and in Canada.

A great deal of follow-up selling effort was put into the successful execution of the whole marketing plan. Wheat Board Commissioners and sales staff traveled on 16 sales missions during the 1982-83 crop year to discuss Wheat - Special Bin with buyers and millers around the world. Technical experts from the Canadian Grain Commission also traveled to some of these countries to assist customers in utilizing Wheat - Special Bin.

Still other sales of Wheat - Special Bin were handled from Winnipeg by telephone and telex. Some Accredited Exporters also worked closely with the Board in developing markets for Wheat - Special Bin, and in making significant sales.

As a result of this special program the entire supply of frost-damaged wheat delivered by growers had been sold by the end of the crop year. Sales of over 2.5 million tonnes involving 21 different countries were made during 1982-83. However, some of the actual shipments extended into the 1983-84 crop year.

**Variety Evaluation Programs:** Contract production of seven grain varieties was carried out under the Canadian Wheat Board's 1983 market evaluation program. The objective of this program is two-fold: to encourage the development of varieties that will expand marketing opportunities for western grain growers, and to promote development of varieties with known market demand suitable for production over a larger area of the prairies.

Varieties of wheat contracted were HY 320, a semi-dwarf wheat variety, and Fielder, a soft white spring wheat variety. Also included in the program were four malting barley varieties; Harrington, Glenn, Norbert and Argyle, and one low-hulled oat variety, OT 224. Table 32 summarizes the contract programs offered by the Board in 1982-83 for seeding in the spring of 1983.





**TABLE 32**  
**VARIETY EVALUATION CONTRACT PROGRAMS**  
**IN 1983**

Variety	No. of Growers	Size of Contract (acres)	Total Acres	Average Yield bu./ac	Estimated Prod. (tonnes)
HY 320	227	50	11,350	49	15 095
Fielder	1,895	40	75,800	70 <sup>1</sup>	144 020
Harrington	192	60	11,520	58	14 515
Glenn	162	60	9,720	57	12 053
Norbert	95	60	5,700	50	6 213
Argyle	25	60	1,500	65	2 115
OT 224	6	50	300	56	258

<sup>1</sup> grown under irrigation

**HY 320 Test Marketing Program:** A test marketing program conducted jointly by the Canadian Wheat Board and the Canadian Grain Commission was announced in February 1983 to evaluate the quality and market acceptability of HY 320 wheat. Preliminary laboratory tests had indicated that HY 320 has an "end-use" quality that could be acceptable in more price-conscious markets which do not require the quality of Western Canadian Hard Red Spring wheat. Using the HY 320 production from the contract program of 1983, small-scale milling and baking tests will be conducted in Canada and a number of selected overseas markets during the 1983-84 crop year. These preliminary tests will lay the ground-work for larger commercial-scale tests planned for the second stage of the test marketing program in 1984-85.

Table 33 gives yield comparisons between HY 320 and check varieties of hard red spring and soft white spring wheat grown under the 1983 contract program. Results are based on questionnaires completed by 199 of the 227 growers participating in the program.

**Sample Distribution System:** Other market development efforts included the world-wide distribution

of grain samples representing all grades and types of western Canadian grain for sale through the Board. During the 1982-83 crop year a total of 268 samples of various grades of wheat, durum, oats and barley were distributed within Canada, the U.S.A. and 35 other countries.

### Sales Missions

Commissioners and officials of the Board visited many countries on sales and market development missions during the 1982-83 crop year. These countries are listed as follows by geographic area:

**Africa and Near East** Algeria, Egypt, Iraq, Kuwait, Saudi Arabia, South Africa

**The Americas** Brazil, Mexico, Nicaragua, Peru, United States

**Asia** Bangladesh, Hong Kong, India, Indonesia, Japan, Malaysia, Peoples' Republic of China, Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand

**Europe** Austria, Federal Republic of Germany, France, German Democratic Republic, Italy, Portugal, Switzerland, U.S.S.R., United Kingdom

**Oceania** Australia

### Incoming Mission Program

The mission program during the year covered by this report saw senior government and grain trade officials from various countries visit Canada for the purpose of meeting with the Board and other grain organizations and, at the same time, gaining an insight into the operations of the grain trade by visits to all major areas of the industry. Missions from Japan and Mexico were sponsored by the Board.

**TABLE 33**  
**YIELD COMPARISONS BETWEEN HY 320 and CHECK FIELDS**

**All Provinces and Soil Zones**  
(weighted averages)

Dry Land		Irrigation			
All varieties	Yield bu./acre	CWRS Varieties		SWS Varieties	
			Yield bu./acre		Yield bu./acre
HY320	47.1	HY320	56.2	HY320	81.1
Check	36.6	HRS Check 44.53	44.5	SWS Check	76.3
Yield Advantage	29%	Yield Advantage	26%	Yield Advantage	6%
No. of Growers	174	No. of Growers	13	No. of Growers	12



Individuals and groups from 19 other countries also visited the Board's offices during the period under review. In addition to having discussions with them, the Board, in many instances, assisted in arranging their itineraries and programs.

The success of these visits must involve the co-operation of all segments of the grain industry. The Board gratefully acknowledges the invaluable support it has received from many levels of government, universities, grain trade organizations and individuals.

### **Grain Handbook**

During the year under review 3,600 copies of the Board's "Canadian Grain Handbook" were distributed throughout the world. The booklet, which is printed in six languages — English, French, German, Italian, Japanese and Spanish — contains quality data on Canadian export grains, statistical tables and a brief outline of the Board's export operations.

### **Touring the Wheat Board**

There were 57 groups totaling about 1,370 people who toured the Wheat Board's Winnipeg office during the 1982-83 crop year. There were 22 farm groups, 24 international groups, six educational groups, and five others. They toured the major departments of the Board and operations in each area were discussed.

### **CANADIAN INTERNATIONAL GRAINS INSTITUTE**

The Wheat Board, in conjunction with the Department of Industry, Trade and Commerce, continued to actively support the Canadian International Grains Institute. During 1982-83 the Institute offered a total of eight international and bilateral courses in grain handling, marketing and technology to representatives from Canada's potential and existing grain customers.

The Institute publishes an annual report from which details of its many activities can be obtained.

The Board wishes once more to commend the fine work done by the Institute staff and the high standards of its educational program.

### **LEGAL SERVICES**

The Board's Legal Division continued to provide legal assistance to the Board, including the drafting of Regulations and Board Orders, and the handling of estate and demurrage claims.

It also assisted with the collection of defaulted cash advance accounts in accordance with the federal government's Prairie Grain Advance Payments Act. During the 1982-83 crop year 489 accounts were referred to the Legal Division for collection and 41 actions were taken in the Federal Court of Canada.

A total of 21 convictions were obtained during 1982-83 for breaches of the Canadian Wheat Board Act and Regulations. This included producers who were charged with making deliveries in excess of the quotas established by the Board, in violation of Section 17(1)(e) of the Canadian Wheat Board Act.

### **COMMISSIONERS OF THE BOARD**

Mr. Charles Gibbings, a Commissioner of the Wheat Board since July, 1969, retired on December 31, 1982. Throughout his career, which included the position of President of the Saskatchewan Wheat Pool and Chairman of the Advisory Committee before joining the Board, he took a very active role in western Canadian agriculture. In recognition of his contribution to social and economic developments in Western Canada, he was awarded an Honorary Degree, Doctor of Laws, by the University of Saskatchewan in 1971.

The Board extends its gratitude to Mr. Gibbings for his years of valuable and loyal service and wishes him a rewarding retirement.

Mr. W. H. (Bill) Smith was appointed in April 1983 to succeed Mr. Gibbings as Commissioner. Prior to this appointment, Mr. Smith had held several positions with Alberta Wheat Pool, the most recent being grain sales manager.

The Board welcomes Mr. Smith to his new post and looks forward to working with him.

### **OFFICERS AND STAFF**

A number of changes in senior management staff took place during the 1982-83 crop year. Mr. David Suderman was appointed as Director of Market Development and Mr. John Morriss as Director of Information. Mr. R. A. Hamilton was named as General Director of the Grain Transportation Division and Mr. G. C. Booth as Assistant General Director of Grain Transportation. Mr. F. G. VanAlstyne assumed the responsibilities of General Director of the Country Services Division and Mr. F. D. Jefferson was named as a Senior Advisor on Information Systems. The



position of General Director of Management Information Services was taken by Dr. John Benci and Dr. Harvey Glick replaced Dr. Benci as Director of Weather and Crop Surveillance on an acting basis. Dr. B. T. Oleson was appointed General Director of the Research and Analysis Division. Mr. R. L. Stoyko was hired as Director of Internal Audit. Mrs. M. E. Hunter resigned from her position as Executive Director of Administration.

The following 12 members of the Board's staff retired during the crop year under review: Mr. R. Chivers, Miss M. Cruise, Mr. G. J. Davis, Miss M. Duffy, Mr. G. E. Jones, Mrs. J. McDonald, Miss M. Munro, Mr. A. Reimer, Mr. R. Scott, Mr. D. J. Stewart, Mr. G. H. Young and Mr. D. D. Yates. The Board wishes to acknowledge the contributions made by these people during their many years of valuable and loyal service.

With regret we record the death of Wheat Board pensioner Mr. V. B. Mulberry.

The number of permanent and temporary employees on July 31st of each of the last five years is indicated in Table 34.

**TABLE 34**  
**NUMBER OF EMPLOYEES AT JULY 31st**  
**1979 TO 1983**

Year	Permanent	Temporary	Total
1979	565	97	662
1980	565	79	644
1981	567	69	636
1982	561	71	632
1983	544	72	616

#### **BOARD OFFICES**

The Board continued to maintain branch offices in Vancouver and Montreal and overseas in Tokyo and London. The manager of the London office, Mr. Dave Yates, retired in September 1981 and was succeeded by Mr. Paul Westdal.



## PART V ADVISORY COMMITTEE

The 1982-83 crop year opened with the Advisory Committee which has held office since January, 1979. It consisted of the following members:

District Number	Name	Address
1	Mr. L. E. Parker	Ste. Agathe, Manitoba
2	Mr. D. Mitchell	Douglas, Manitoba
3	Mr. C. A. Hookenson	Kisbey, Saskatchewan
4	Mr. M.G.W. Halyk	Melville, Saskatchewan
5	Mr. E. K. Turner	Regina, Saskatchewan
6	Mr. R. R. Atkinson	Landis, Saskatchewan
7	Mr. A. Sahl	Mossbank, Saskatchewan
8	Mr. T. Strain	North Battleford, Saskatchewan
9	Mr. O. Reber	Burdett, Alberta
10	Mr. K. D. Galloway	Fort Saskatchewan, Alberta
11	Mr. H. A. Dechant	Fairview, Alberta

In accordance with Section 10.5 of the Wheat Board Act, the Board conducted an Advisory Committee election in the fall of 1982 and engaged Mr. J. E. McLaughlin to act as Coordinator of the Producers' Vote. Mr. McLaughlin, who recently retired from the position of Secretary to the Board and also served as Secretary to past Advisory Committees, brought considerable skill to his task. The Board extends its thanks to him for a well-run election.

The newly elected Committee members took office in January 1983 for a four-year term. Three members of the previous Committee, Mr. D. Mitchell, Mr. O. Reber and Mr. E. K. Turner, chose not to stand for re-election. The Board wishes to record its appreciation for their contributions on behalf of western producers to the work of the Committee.

The Advisory Committee now consists of the following members:

District Number	Name	Address
1	Mr. L. E. Parker	Ste. Agathe, Manitoba
2	Mr. B. McDonald	Strathclair, Manitoba
3	Mr. C. A. Hookenson	Kisbey, Saskatchewan
4	Mr. M.G.W. Halyk	Melville, Saskatchewan
5	Mr. H. Yelland	Porcupine Plain, Saskatchewan
6	Mr. R. R. Atkinson	Landis, Saskatchewan
7	Mr. A. Sahl	Mossbank, Saskatchewan
8	Mr. T. Strain	North Battleford, Saskatchewan
9	Mr. C. F. Thurston	Bow Island, Alberta
10	Mr. K. D. Galloway	Fort Saskatchewan, Alberta
11	Mr. H. A. Dechant	Fairview, Alberta

After the election, Mr. R. R. Atkinson and Mr. K. D. Galloway continued in their positions as Chairman and Vice-Chairman, respectively, until the meeting in June 1983. At that time the Committee reviewed these positions as required by the Act and Mr. Atkinson and Mr. Galloway were reinstated.

The Committee met in Winnipeg on 10 occasions during the 1982-83 crop year to review operations and discuss policy matters with the Board. At a two-day meeting in January 1983, the newly elected Committee met with Senator Hazen Argue, the Minister of State for the Canadian Wheat Board, and also toured the various departments of the Wheat Board. Several meetings included discussions with officials from other organizations, such as the Grain Transportation Authority and the Winnipeg Commodity Exchange, regarding matters of concern to producers in Western Canada.

At the June 8th, 1983, meeting, the Advisory Committee established a sub-committee, consisting of Messrs. Galloway, Halyk and McDonald, to study the problems faced by some producers when they are unable to deliver all their production of Board grains in one crop year. The sub-committee's first priority was to seek advice and guidance from producer organizations, individual producers, federal and provincial governments and other interested parties.

The Advisory Committee also had one formal meeting in Vancouver in June 1983 during its tour of the West Coast. This tour was arranged by the Board for the Committee members to provide them with an opportunity to view the expansion that has taken place in the grain handling and transportation system on the West Coast. The Committee saw the terminal facilities at Vancouver and Prince Rupert, the Port Mann railway yards and met with industry representatives. The Board and the Committee would like to thank all those who so ably assisted in making these arrangements.

For the seventh consecutive year, meetings with producers were held by the Board in the various Committee districts throughout the designated area. Each Committee member acted as Chairman for the meeting in his district. The meetings were held at the





following locations, with two in District 11 because it encompasses a very large area:

District Number	Location	Date
1	Portage La Prairie, Manitoba ....	February 14, 1983
2	Dauphin, Manitoba .....	February 15, 1983
3	Moose Jaw, Saskatchewan .....	March 3, 1983
4	Canora, Saskatchewan .....	February 16, 1983
5	Prince Albert, Saskatchewan .....	March 1, 1983
6	Young, Saskatchewan .....	March 3, 1983
7	Kyle, Saskatchewan .....	March 2, 1983

District	Location	Date
8	Lloydminster, Saskatchewan ....	February 23, 1983
9	Hanna, Alberta .....	February 21, 1983
10	Leduc, Alberta .....	February 25, 1983
11	Grande Prairie, Alberta .....	February 15, 1983
12	Barrhead, Alberta .....	February 17, 1983

The Board would like to express its appreciation once more for the valuable assistance and guidance provided by the Committee during the 1982-83 crop year.

# PART VI FINANCIAL RESULTS AND NOTES TO FINANCIAL STATEMENTS



The Financial Statements of the Canadian Wheat Board including notes thereto for the crop year under review are presented in this section of the report. These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1983, together with other statements (Exhibits II to X) showing the results of Board opera-

tions for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts when marketing operations have been completed before the issuance of the annual report. Operations on the 1982-83 Pool Accounts for Wheat,

**TABLE A — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1982-83 POOL ACCOUNT — WHEAT  
For the period August 1, 1982 to October 31, 1983  
with prior year figures for the 1981-82 Pool Account for comparison**

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	22 231 894 tonnes		16 936 279 tonnes	
Sales Value .....	\$4,209,798,178	\$189.359	\$3,513,373,509	\$207.447
Initial payments to producers .....	3,711,880,032	166.962	2,912,973,613	171.996
Gross Surplus .....	497,918,146	22.397	600,399,896	35.451
Reduced Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	95,374,468	4.290	109,082,332	6.441
Terminal storage .....	19,301,107	.868	15,683,076	.926
Total Carrying Charges .....	114,675,575	5.158	124,765,408	7.367
Bank interest & net interest on other Board accounts .....	( 18,084,165)	(.813)	9,736,167	.575
Demurrage .....	9,094,749	.409	4,098,946	.242
Additional freight to terminals .....	3,580,308	.161	1,975,909	.116
Handling & stop-off re interior terminals .....	( 38,566)	(.002)	194,716	.012
Drying .....	788,818	.036	21,815	.001
Protein grading development program ..	—	—	212,333	.013
Rental of Hopper Cars .....	1,749,597	.079	—	—
Interest and depreciation on Wheat Board hopper cars .....	9,876,572	.444	10,903,063	.644
Wheat Board administrative expenses ..	17,035,075		14,169,015	.836
Total Operating Costs .....	138,677,963	6.238	166,077,372	9.806
Surplus on Operations .....	359,240,183		434,322,524	25.645
Add: Interest earned after October 31 ..	8,199,780		13,700,400	.809
Deduct: Cost of issuing final payment ..	183,317	.008	194,541	.012
Surplus for Distribution to Producers ...	\$ 367,256,646	\$ 16.520	\$ 447,828,383	\$ 26.442



Amber Durum Wheat, Oats, Designated Oats, Barley and Designated Barley were completed on October 31, 1983, and details of the final operating results of these pool accounts with commentary thereon are presented in this section of the report.

## POOL ACCOUNT — WHEAT

### Initial Payments

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$174.50 per tonne for No. 1 Canada Western Red Spring.

### Supplies of Wheat

Supplies of wheat in the 1982-83 Pool were 22 585 503 tonnes, comprised of 22 231 894 tonnes delivered by producers, 85 591 tonnes acquired from other than producers and 268 018 tonnes purchased from the previous pool.

### Grade Pattern

The quality of grain delivered to the 1982-83 Pool Account was down significantly compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 15.116 million tonnes or 68.00 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 3.326 million tonnes amounted to 14.96 per cent of total receipts. Deliveries of Utility grades including Canada Feed amounted to 2.908 million tonnes or 13.09 per cent of total producer deliveries. Approximately 6.44 per cent of producer deliveries graded tough while 1.63 per cent graded damp.

## Financial Statement of Operations and Surplus for Distribution to Producers — Wheat — Table A

Marketing operations on the Pool Account for Wheat resulted in an operating surplus of \$359,240,183. After allowing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1983, the net surplus for distribution to producers amounted to \$367,256,646. This represents an average of \$16.520 on producer deliveries of 22 231 894 tonnes. Table B shows the total price realized by producers at \$192.344 for No. 1 CW Red Spring, comparable with \$199.622 for the previous pool.

Table B shows the initial payment, final payment and total prices realized by producers for the principal grades in the 1982-83 Pool Account.

### OPERATING COSTS

Operating costs incurred applicable to the pool were \$138,677,963 or \$6.238 per tonne. Details of the principal costs and comment thereon follows:

### Carrying Charges — \$114,675,575

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators amounted to \$114,675,575 or \$5.158 per tonne.

### Bank Interest and Net Interest on Other Board Accounts — (\$18,084,165)

This consists mainly of bank interest and interest paid to or received from other Board accounts. Interest earned, exceeded interest paid by \$18,084,165 or \$.813 per tonne.

**TABLE B — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Red Spring Wheat Grades</b>			
No. 1 Canada Western Red Spring	174.50	17.844	192.344
No. 2 Canada Western Red Spring	168.71	18.682	187.392
No. 3 Canada Western Red Spring	163.71	16.684	180.394
No. 1 Canada Utility	159.71	17.374	177.084
No. 2 Canada Utility	148.71	8.614	157.324
Canada Feed	145.71	—	145.710



### **Demurrage — \$9,094,749**

Demurrage represents charges paid or estimated charges payable to vessel owners, for delays in loading beyond a normal period, relating to producer deliveries in the current crop year. Charges for the year totaled \$9,094,749.

### **Drying Charges — \$788,818**

Drying charges for 1982-83 totaled \$788,818, a significant increase from the previous year, reflecting greater receipts of tough and damp grain delivered to the pool under review.

### **Rental of Hopper Cars — \$1,749,597**

During the crop year the Board entered into 60-90 day leases on approximately 2,000 hopper cars. These cars were in service on CN lines during mid-July to mid-October and carried about 670 000 tonnes to terminal positions. Of the total cost of \$2,433,500, \$1,749,597 was attributable to the 1982-83 Wheat Account.

### **Interest and Depreciation on Wheat Board Hopper Cars — \$9,876,572**

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest less rental payments received from the railways. Hopper car expenses attributable to the 1982-83 Wheat Account totaled \$9,876,572 compared to \$10,903,063 for the previous pool.

## **POOL ACCOUNT — AMBER DURUM WHEAT**

### **Initial Payments**

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$174.50 per tonne for No. 1 Canada Western Amber Durum Wheat.

### **Supplies of Amber Durum Wheat**

Supplies of Amber Durum Wheat in the 1982-83 pool were 3 027 496 tonnes, comprised of 2 885 156 tonnes delivered by producers, 8 894 tonnes acquired from other than producers, and 133 446 tonnes purchased from the previous pool.

### **Grade Pattern**

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 2.710 million tonnes or 93.93 per cent of total producer deliveries. The tough and damp grades delivered amounted to 2.11 per cent of the total receipts.

### **Final Statement of Operations and Surplus for Distribution to Producers — Amber Durum Wheat — Table C**

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$31,152,957. Operating expenses totaled \$21,781,568 for the year or \$7.549 per tonne. The principal cost was carrying charges amounting to \$16,136,686 or \$5.593 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1983, the net surplus for distribution to producers was \$31,832,804. This represents an overall average of \$11.034 per tonne on producer deliveries of 2 885 156 tonnes. Table D shows the total payment received by producers for the principal grades of Amber Durum Wheat delivered during the crop year. This table shows the total price realized by producers for No. 1 Canada Western Amber Durum Wheat of \$187.445 per tonne, compared to \$200.336 per tonne for the previous pool.

## **1982-83 POOL ACCOUNT — OATS**

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption, has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described here consist mainly of marketing results related to feeding grades of oats.

### **Initial Payments**

During the crop year the Board was authorized to purchase oats from producers at a fixed initial price of \$90.00 per tonne for No. 1 Feed Oats.

### **Grade Pattern**

Deliveries of Nos. 1 and 2 Canada Western Oats comprised .42 per cent of producer deliveries with feeding grades constituting the remaining 99.58 per cent of total receipts. Board receipts of tough and damp oats made up 3.79 per cent of deliveries.





**TABLE C — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1982-83 POOL ACCOUNT — AMBER DURUM WHEAT**

**For the period August 1, 1982, to October 31, 1983**  
with prior year figures for the 1981-82 Pool Account for comparison

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	<u>2 885 156 tonnes</u>		<u>2 572 014 tonnes</u>	
Sales value .....	\$548,665,349	\$190.168	\$521,613,591	\$202.804
Initial payments to producers .....	<u>495,730,824</u>	<u>171.821</u>	<u>443,013,398</u>	<u>172.244</u>
Gross Surplus .....	<u>52,934,525</u>	<u>18.347</u>	<u>78,600,193</u>	<u>30.560</u>
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	12,517,284	4.339	15,617,945	6.072
Terminal storage .....	<u>3,619,402</u>	<u>1.254</u>	<u>2,708,344</u>	<u>1.053</u>
Total Carrying Charges .....	<u>16,136,686</u>	<u>5.593</u>	<u>18,326,289</u>	<u>7.125</u>
Interest .....	1,261,723	.437	( 1,642,619)	( .639)
Demurrage .....	520,557	.181	47,616	.019
Additional freight to terminals .....	117,958	.041	168,421	.066
Handling & stop-off re interior terminals .....	882	.000	417,628	.162
Drying .....	24,232	.008	2,545	.001
Rental of Hopper Cars .....	227,053	.079	—	—
Interest and depreciation on Wheat Board hopper cars .....	1,281,737	.444	1,655,780	.644
Wheat Board administrative expenses ..	<u>2,210,740</u>	<u>.766</u>	<u>2,151,792</u>	<u>.836</u>
Total Operating Costs .....	<u>21,781,568</u>	<u>7.549</u>	<u>21,127,452</u>	<u>8.214</u>
Surplus on Operations .....	31,152,957	10.798	57,472,741	22.345
Add: Interest earned after October 31 ..	711,077	.247	1,795,873	.698
Deduct: Cost of issuing final payment ..	<u>31,230</u>	<u>.011</u>	<u>29,217</u>	<u>.011</u>
Surplus for Distribution to Producers ...	<u>\$ 31,832,804</u>	<u>\$ 11.034</u>	<u>\$ 59,239,397</u>	<u>\$ 23.032</u>

**TABLE D — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF AMBER DURUM WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Amber Durum Wheat Grades</b> .....			
No. 1 Canada Western Amber Durum .....	174.50	12.945	187.445
No. 2 Canada Western Amber Durum .....	171.71	10.735	182.445
No. 3 Canada Western Amber Durum .....	169.71	7.775	177.485
No. 4 Canada Western Amber Durum .....	155.71	—	155.710
No. 5 Canada Western Amber Durum .....	145.71	—	145.710



## Final Statement of Operations and Surplus for Distribution to Producers — Oats — Table E

Table E shows the operating results of the Pool Account for the 1982-83 crop year. Marketing operations resulted in a surplus of \$1,640,765. Operating expenses totaled \$2,223,838 or \$13.012 per tonne. The principal cost was carrying charges amounting to \$1,567,443 or \$9.172 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1983, the net surplus for distribution to producers was \$1,663,489, which represents an overall average of \$9.734 per tonne on producer deliveries of 170 900 tonnes. Table F shows the total payment received by producers for the principal grades of oats delivered during the crop year.

## 1982-83 POOL ACCOUNT — DESIGNATED OATS

Beginning with the 1981-82 crop year, oats that have been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the oats for use in processing and milling for human consumption, has been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

### Initial Payments

During the crop year the Board was authorized to purchase Designated Oats from producers at fixed initial prices of \$140.00 and \$138.00 per tonne for

**TABLE E — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1982-83 POOL ACCOUNT — OATS**  
For the period August 1, 1982, to October 31, 1983  
with prior year figures for the 1981-82 Pool Account for comparison

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
	170 900 tonnes		343 761 tonnes	
Receipts from Producers .....				
Sales value .....	\$19,152,559	\$112.069	\$ 41,450,787	\$120.580
Initial payments to producers .....	15,287,956	89.41	37,767,451	109.86
Gross Surplus .....	3,864,603	22.613	3,683,336	10.715
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	1,106,878	6.477	2,548,039	7.412
Terminal storage .....	460,565	2.695	933,435	2.716
Total Carrying Charges .....	1,567,443	9.172	3,481,474	10.128
Interest .....	225,162	1.317	1,416,351	4.120
Additional freight to terminals .....	210,909	1.234	349,973	1.018
Drying .....	—	—	398	.001
Rental of Hopper Cars .....	13,449	.079	—	—
Interest and depreciation on Wheat Board hopper cars .....	75,923	.444	221,303	.644
Wheat Board administrative expenses ..	130,952	.766	505,291	1.470
Total Operating Costs .....	2,223,838	13.012	5,974,790	17.381
Surplus (Deficit) on Operations .....	1,640,765	9.60	\$ ( 2,291,454)	\$ (6.666)
Add: Interest earned after October 31 ..	37,451	.219		
Deduct: Cost of issuing final payment ..	14,727	.086		
Surplus for Distribution to Producers ...	\$ 1,663,489	\$ 9.734		



Nos. 1 and 2 Canada Western Oats respectively and \$134.00 per tonne for No. 1 Feed Oats.

#### Supplies and Grade Pattern

Supplies of oats in the designated pool were 30 792 tonnes representing deliveries to the Board by producers during the crop year of oats which were selected and accepted by purchasers for use in processing and milling for human consumption. Receipts of Nos. 1 and 2 Canada Western Oats totaled 20 686 tonnes or 67.18 per cent of total deliveries. Feeding

grades totaled 10 106 tonnes or 32.82 per cent of total receipts.

#### Final Statement of Operations and Surplus for Distribution to Producers — Designated Oats — Table G

Table G shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$259,767. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature, does not incur the handling

**TABLE F — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF OATS  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments (dollars per tonne)	Total
<b>Oats Grades</b>			
No. 1 Canada Western .....	96.00	16.025	112.025
No. 2 Canada Western .....	94.00	16.006	110.006
Extra No. 1 Feed .....	92.00	12.981	104.981
No. 1 Feed .....	90.00	9.525	99.525
No. 2 Feed .....	85.92	10.605	96.525

**TABLE G — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1982-83 POOL ACCOUNT — DESIGNATED OATS  
For the period August 1, 1982 to October 31, 1983  
with prior year figures for the 1981-82 Pool Account for comparison**

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	30 792 tonnes		67 230 tonnes	
Sales Value .....	\$ 4,472,775	\$145.259	\$10,978,597	\$163.299
Initial prices paid to producers .....	4,225,541	137.230	9,216,771	137.093
Gross Surplus .....	247,234	8.029	1,761,826	26.206
Deduct Operating Costs: .....				
Interest and bank charges .....	( 52,229)	( 1.696)	( 225,363)	( 3.352)
Rental of Hopper Cars .....	2,423	.079	—	—
Interest and depreciation on Wheat Board hopper cars .....	13,679	.444	43,281	.644
Wheat Board administrative expenses .....	23,594	.766	94,026	1.398
Total Operating Costs .....	( 12,533)	(.407)	( 88,056)	( 1.310)
Surplus on Operations .....	259,767	8.436	1,849,882	27.516
Add: Interest earned after October 31 ..	5,929	.193	62,085	.923
Deduct: Cost of issuing final payment ..	657	.021	1,285	.019
Surplus for Distribution to Producers ...	\$ 265,039	\$ 8.608	\$ 1,910,682	\$ 28.420



**TABLE H — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF DESIGNATED OATS  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments (dollars per tonne)	Total
<b>Oats Grades</b>			
No. 1 Canada Western	140.00	10.300	
No. 2 Canada Western	138.00	10.300	148.300
Extra No. 1 Feed	136.00	5.800	141.800
No. 1 Feed	134.00	3.800	137.800
No. 2 Feed	130.00	5.800	135.800

**TABLE I — STATEMENT OF OPERATIONS ON THE 1981-82 POOL ACCOUNT  
For the period August 1, 1982 to October 31, 1983  
with prior year figures for the 1981-82 Pool Account for comparison**

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	4 574 888 tonnes		5 542 873 tonnes	
Sales Value	\$517,403,578	\$113.097	\$766,615,266	\$138.306
Initial payments to producers	500,382,278	109.376	686,722,549	123.892
Gross Surplus	17,021,300	3.721	79,892,717	14.414
Deduct Operating Costs:				
Carrying charges:				
Country elevators	11,634,461	2.543	22,095,032	3.986
Terminal storage	2,827,574	.618	5,034,489	.908
Total Carrying Charges	14,462,035	3.161	27,129,521	4.894
Interest	( 265,115)	( .058)	3,590,946	.648
Demurrage	1,031,954	.226	1,195,839	.216
Additional freight to terminals	1,266,470	.277	497,711	.090
Handling & stop-off re interior terminals	( 33,710)	( .007)	( 37,653)	( .007)
Drying	205,978	.045	19,732	.003
Rental of Hopper Cars	360,030	.079	—	—
Interest and depreciation on Wheat Board hopper cars	2,032,403	.444	3,568,324	.644
Wheat Board administrative expenses	3,505,490		5,618,372	1.014
Total Operating Costs	22,565,535	4.933	41,582,792	7.502
Deficit) Surplus on Operations	\$( 5,544,235)		38,309,925	6.912
Add: Interest earned after October 31			1,240,470	.224
Deduct: Cost of issuing final payment			91,106	.017
Surplus for Distribution to Producers			\$ 39,459,289	\$ 7.119





expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses incurred attributable to such oats were costs related to hopper cars owned by the Wheat Board, rental of hopper cars and Wheat Board administrative charges totaling \$39,696 or \$1.289 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$52,229 or \$1.696 per tonne. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1983, the net surplus for distribution to producers was \$265,039 or \$8.608 per tonne on producer deliveries of 30 792 tonnes. Table H shows the total payment received by producers for the principal grades of Designated Oats delivered during the crop year.

#### **1982-83 POOL ACCOUNT — BARLEY**

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for the use of malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

#### **Initial Payments**

During the crop year the Board was authorized to purchase barley from producers at a fixed initial price of \$110.00 per tonne for No. 1 Feed Barley.

#### **Final Statement of Operations and Surplus for Distribution to Producers — Barley — Table I**

Table I shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a deficit of \$5,544,235, which is recoverable from the Government of Canada with funds provided by Parliament.

Operating expenses totaled \$22,565,535 or \$4.933 per tonne, of which carrying charges was the largest single cost being \$14,462,035 or \$3.161 per tonne.

#### **1982-83 POOL ACCOUNT — DESIGNATED BARLEY**

As stated previously, since August 1, 1975, barley that has been delivered to the Board to be sold by

the Board to purchasers who have selected and accepted the barley for the use of malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

#### **Initial Payments**

During the crop year the Board was authorized to purchase Designated Barley from producers at a fixed initial price of \$158.00 per tonne for No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row.

#### **Supplies and Grade Pattern**

Supplies of barley in the designated pool were 1 029 868 tonnes, representing deliveries to the Board by producers during the crop year, barley which has been selected and accepted by purchasers for the use of malting, pot or pearling. Of these receipts 631 752 tonnes or 61.34 per cent were row grades and 398 116 tonnes or 38.66 per cent were feeding grades. Receipts of tough and damp grades totaled 16 173 tonnes or 1.57 per cent of total.

#### **Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table J**

Table J shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$8,490,608. As to operating costs, it should be noted that the Designated Barley by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's sample and is shipped on buyer's call directly from farm to processing plant via the country elevator. As a result the only expenses incurred attributable to such barley were costs related to hopper cars owned by the Wheat Board, rental of hopper cars and Wheat Board administrative charges totaling \$1,327,700 or \$1.289 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$2,063,962 or \$2.004 per tonne. After allowing for the cost of issuing the final payment and estimated



interest earnings subsequent to October 31, 1983, the net surplus for distribution to producers was \$8,670,924 or \$8.419 per tonne on producer deliveries of 1 029 868 tonnes. This is compared to \$34,055,886 or \$27.914 per tonne for the previous year. Table K shows the total payment received by

producers for the principal grades of Designated Barley. The final return to producers for deliveries of No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row was \$163.377 and \$169.036 respectively, compared to \$185.788 for these two grades in the previous pool.

**TABLE J — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1982-83 POOL ACCOUNT — DESIGNATED BARLEY**  
For the period August 1, 1982 to October 31, 1983  
with prior year figures for the 1981-82 Pool Account for comparison

	1982-83 Pool Account		1981-82 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
	1 029 868 tonnes		1 220 023 tonnes	
Receipts from Producers.....				
Sales Value.....	\$169,135,392	\$164.230	\$220,583,822	\$180.803
Initial payments to producers .....	161,381,046	156.701	190,656,652	156.273
Gross Surplus .....	7,754,346	7.529	29,927,170	24.530
Deduct Operating Costs: .....				
Interest.....	( 2,063,962)	( 2.004)	( 5,057,271)	( 4.146)
Rental of Hopper Cars .....	81,047	.079	—	—
Interest and depreciation on Wheat Board hopper cars .....	457,521	.444	785,412	.644
Wheat Board administrative expenses .....	789,132	.766	1,236,641	1.014
Total Operating Costs .....	( 736,262)	( .715)	( 3,035,218)	( 2.488)
Surplus on Operations .....	8,490,608	8.244	32,962,388	27.018
Add: Interest earned after October 31 ..	193,801	.188	1,106,272	.907
Deduct: Cost of issuing final payment ..	13,485	.013	12,744	.011
Surplus for Distribution to Producers ...	\$ 8,670,924	\$ 8.419	\$ 34,055,886	\$ 27.914

**TABLE K — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF DESIGNATED BARLEY  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Designated Barley Grades</b> .....			
No. 1 Canada Western Six-Row .....	159.27	5.107	164.377
No. 2 Canada Western Six-Row .....	158.00	5.377	163.377
No. 1 Canada Western Two-Row .....	159.27	10.674	169.944
No. 2 Canada Western Two-Row .....	158.00	11.036	169.036
No. 1 Feed .....	154.77	7.723	162.493
No. 2 Feed .....	152.77	7.888	160.658



## NOTES TO FINANCIAL STATEMENTS

The following notes are an integral part of the financial statements.

### (1) ACCOUNTING POLICIES

#### (a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31 when marketing operations have been completed before the issuance of the annual report for that year. In determining the surpluses available for distribution on such pools the accounts of the Board at July 31 include:

- (i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and
- (ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

For pool accounts for which marketing operations have not been completed before the issuance of the annual report, the unsold stocks at July 31 are valued at cost, which is the initial price paid to producers, and no provision is made for carrying costs, interest, and administrative expenses beyond that date. Any debit or credit balance in these accounts is carried on the balance sheet.

#### (b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date, as is also the liability for debentures repayable in United States funds.

Foreign exchange adjustments arising from conversion of bills of exchange and bank loans are included in operating results. Adjustments arising from conversion of debenture debt are amortized over the term of the debentures.

#### (c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over their expected lives and are as follows:

Hopper cars .....	30 years
Office building .....	40 years
Office furniture and equipment ....	10 years
Automotive equipment .....	2 years
(to $\frac{1}{3}$ residual value)	

#### (d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers, are allocated to the various pool account operations to which the services relate on the basis of the relative tonnage. Expenses attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

### (2) BILLS OF EXCHANGE PLUS ACCRUED INTEREST

Of the total bills of exchange receivable, \$962,977,686 (1982 — \$554,649,041), represents the Canadian equivalent of \$780,940,464 (1982 — \$442,904,289) repayable in United States funds.

The balances receivable arise from sales of grain to Brazil, German Democratic Republic, Haiti, Iraq, Israel, Mexico, Jamaica, Peru, Poland and Zambia. The terms call for payment in full within 36 months or less from time of shipment, except for Poland, Peru and Zambia where the Board, together with the Canadian Government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within eight years. As at July 31, total reschedulings amounted to \$158,043,637 including \$39,121,227, which is the Canadian





equivalent of \$31,725,916 receivable in United States currency.

Besides rescheduling certain obligations that matured during 1981, Poland has not made payment of any principal and interest amounts that matured in the period January 1, 1982, to the close of the current crop year. As at July 31, 1983, unpaid amounts totaled \$548,264,719 which includes \$146,342,316, which is the Canadian equivalent of \$118,678,384 receivable in United States funds. It is expected that all unpaid amounts maturing during the 1982 and 1983 calendar years, amounting to \$732,621,995 including \$249,030,264, which is the Canadian equivalent of \$201,954,638 receivable in United States funds, will be the subject of a further rescheduling agreement once creditor governments conclude a multi-lateral arrangement to reschedule Poland's debt to official creditors maturing in 1982 and 1983.

Subsequent to year end the Government of Canada and other creditor nations agreed to reschedule over an eight-year period certain obligations owing by Brazil. The accounts of the Board at July 31, 1983, include \$297,539,380 which will be subject to rescheduling under this arrangement.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest.

### (3) ACCOUNTS RECEIVABLE

Settlement on amounts due from Board agents on sales completed as at July 31 were received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

### (4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of \$90,555,623 with accumulated depreciation of \$10,504,388 to July 31, 1983. Of these 2,000 cars, 12 cars have been wrecked and dismantled leaving 1,988 still in the fleet as at the year end. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

### (5) LIABILITY TO BANKS

Details of bank borrowings are as follows:

	July 31	
	1983	1982
Ordinary		
Operations	\$82,219,221	\$(15,451,644)
Loans to finance credit sales		
China	—	279,581,140
Other	<u>2,350,452,449</u>	<u>2,166,909,042</u>
	<u>\$2,432,671,670</u>	<u>\$2,431,038,538</u>

Of the total liability, \$962,313,138 (1982 — \$553,183,828), represents the Canadian equivalent of \$780,401,539 (1982 — \$441,734,271) repayable in United States funds.

The Board's borrowings from chartered banks are guaranteed by the Government of Canada.

### (6) DEBENTURES PAYABLE

The debentures with a face value of U.S.\$50,000,000 were issued on December 1, 1982, at a price of \$99.50 per \$100, and bear interest at 11¼% per annum payable each December 1. No principal repayments are required until maturity on December 1, 1990. Under certain circumstances the Board may redeem the debentures in whole or in part prior to maturity. Depending upon the particular circumstances giving rise to any early redemption, a premium may be payable on the principal amount redeemed.

The debentures are secured by a charge against grain held by the Board.

### (7) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS

Grain companies acting in the capacity of agents of the Board accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its agents at terminal or mill position. Liability to agents amounting to \$1,098,454,073 (1982 — \$843,806,200) represents the amount payable by the Board to its agents for 6 980 841 (1982 — 5 356 271) tonnes of wheat, amber durum wheat, oats and barley on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year end date.





**(8) LIABILITY TO AGENTS FOR DEFERRED CASH TICKETS**

Grain companies as agents of the Board deposit with the Board in trust the proceeds of deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer deferred cash tickets maturing predominately during the first days of the following calendar year.

**(9) ACCRUED EXPENSES AND ACCOUNTS PAYABLE**

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1983 together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of Pool Accounts for wheat, amber durum wheat, oats, designated oats, barley and designated barley for the period from August 1, 1983 to completion of operations on October 31, 1983.

**(10) SPECIAL ACCOUNT — NET BALANCE OF UNDISTRIBUTED PAYMENT ACCOUNTS**

In accordance with the provision of Section 30 of the Canadian Wheat Board Act the Governor in Council may authorize the Board to transfer to a

Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council upon the recommendations of the Board may deem to be for the benefit of producers.

**(11) PROVISION FOR FINAL PAYMENT EXPENSES**

This represents the balance of the Board's reserve for final payment expenses. Six years after particular accounts have been closed, the remaining reserves would be transferred to the special account by Order-in-Council.

**(12) LEASE COMMITMENTS**

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the Government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1983, amounting to \$16,272,614 (1982 — \$18,110,241) have been recovered by the Board. Lease terms are for 20 and 25 years.



## ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS  
Chief Commissioner

R. L. KRISTJANSON  
Assistant Chief Commissioner

J. L. LEIBFRIED  
Commissioner

F. M. HETLAND  
Commissioner

W. H. SMITH  
Commissioner





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**July 31, 1983**

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Statement of Advance Payments to Producers under  
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Statement of Special Account Transactions

## **AUDITOR'S REPORT**



# EXHIBIT I



## BALANCE SHEET AS AT JULY 31, 1983

(with prior year figures for comparison)

	1983	1982
<b>ASSETS</b>		
Stocks of grain:		
— Wheat .....	\$1,295,013,740	\$1,019,615,889
— Durum .....	201,247,589	194,820,809
— Oats .....	13,055,599	21,180,065
— Designated Oats .....	333,330	451,832
— Barley .....	144,198,070	213,647,113
— Designated Barley .....	18,578,199	17,518,775
	1,672,426,527	1,467,234,483
Bills of exchange plus accrued interest (Note 2) .....	2,373,094,258	2,472,680,029
Accounts receivable (Note 3)		
Due from Board Agents on completed sales .....	105,871,073	40,762,870
Sundry .....	33,628,844	34,360,855
Prairie Grain Advance Payments Act .....	18,268,555	4,621,839
Due from the Government of Canada re deficit on Pool Account operations:		
1981-82 Pool Account — Oats .....	—	2,291,454
1982-83 Pool Account — Barley .....	5,544,235	—
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation .....	2,272,326	2,382,463
Covered hopper cars, at cost less depreciation (Note 4) .....	79,507,901	82,674,218
Office furniture, equipment and automobiles, at cost less depreciation ..	956,898	878,503
Deferred and prepaid expenses .....	5,249,955	1,296,799
	<u>\$4,296,820,572</u>	<u>\$4,109,183,513</u>

# THE CANADIAN WHEAT BOARD



	1983	1982
<b>LIABILITIES</b>		
Liability to Banks (Note 5).....	\$2,432,671,670	\$2,431,038,538
Debentures payable (Note 6).....	61,655,000	
Liability to agents for grain purchased from producers (Note 7).....	1,098,454,673	843,806,200
Liability to agents for deferred cash tickets (Note 8).....	222,888,349	190,679,446
Accrued expenses and accounts payable (Note 9).....	66,229,446	63,465,713
Outstanding adjustment and final payment cheques to producers:		
— Wheat .....	437,741	510,621
— Durum .....	37,386	21,550
— Oats .....	615	2,595
— Designated Oats .....	2,381	-
— Barley .....	81,136	101,049
— Designated Barley .....	29,558	12,099
Special Account — net balance of undistributed payment accounts (Note 10).....		1,006,700
Provision for final payment expenses (Note 11).....	6,641,070	7,532,538
Surpluses resulting from operations:		
Pool Account:		
— Wheat .....	359,240,183	434,322,524
— Durum .....	31,152,957	57,472,741
— Oats .....	1,646,765	
— Designated Oats .....	259,767	1,849,882
— Barley .....		38,309,925
— Designated Barley .....		32,392,700
	<u>\$4,296,820,572</u>	<u>\$4,109,183,513</u>



## 1982-83 POOL ACCOUNT — WHEAT

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for the 1981-82 Pool Account for comparison)

### Wheat acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Wheat .....

### Wheat sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Wheat .....

Surplus on Wheat transactions .....

### Operating costs:

Carrying charges:  
Carrying charges on Wheat stored in country elevators .....  
Storage on Wheat stored in terminal elevators .....

Interest, bank charges and net interest on other Board accounts .....  
Demurrage .....  
Net additional freight on Wheat shipped from country stations to terminal position .....  
Handling and stop-off on Wheat warehoused at interior terminals .....  
Drying charges .....  
Protein grading development program .....  
Rental of hopper cars .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Wheat, for the period from August 1,  
1982, to October 31, 1983 .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1982-83</u>		<u>1981-82</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
22 231 894	\$3,711,880,032	16 936 279	\$2,912,973,613
85 591		51 322	8,856,836
268 018	43,661,082	1 671 270	354,527,556
<u>22 585 503</u>	<u>3,770,206,277</u>	<u>18 658 871</u>	<u>3,276,358,005</u>
1 376 632		1 353 620	
14 126 166		12 070 817	
(377)		6 927	
<u>15 502 421</u>	<u>2,973,110,683</u>	<u>13 431 364</u>	<u>2,857,142,012</u>
398 506		438 520	
5 839 809		4 520 969	
844,767		268 018	
<u>7 083 082</u>	<u>1,295,013,740</u>	<u>5 227 507</u>	<u>1,019,615,889</u>
<u>22 585 503</u>	<u>4,268,124,423</u>	<u>18 658 871</u>	<u>3,876,757,901</u>
	<u>497,918,146</u>		<u>600,399,896</u>
	95,374,468		109,082,332
	19,301,107		15,683,076
	114,675,575		124,765,408
	(18,084,165)		9,736,167
	9,094,749		4,098,946
	3,580,308		1,975,909
	(38,566)		194,716
	788,818		21,815
	—		212,333
	1,749,597		—
	9,876,572		10,903,063
	17,035,075		14,169,015
	<u>138,677,963</u>		<u>166,077,372</u>
	<u>\$359,240,183</u>		<u>\$434,322,524</u>





1982-83 POOL ACCOUNT — AMBER DURUM WHEAT

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for the 1981-82 Pool Account for comparison)

Durum acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Durum .....

Durum sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account-Durum .....

Surplus on Amber Durum Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Durum stored in country elevators .....  
Storage on Durum stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Net additional freight on Durum shipped from country stations to terminal position .....  
Handling and stop-off on Durum warehoused at interior terminals .....  
Drying charges .....  
Rental of hopper cars .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Durum, for the period from  
August 1, 1982, to October 31, 1983 .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1982-83		1981-82	
Tonnes	Amount	Tonnes	Amount
2 885 156	\$495,730,824	2 572 014	\$443,013,398
8 894	1,523,289	12 062	2,078,142
133 446	23,662,942	272 730	56,738,219
<u>3 027 496</u>	<u>520,917,055</u>	<u>2 856 806</u>	<u>501,829,759</u>
81 576		159 087	
1 912 646		1 681 408	
12 149		(16)	
<u>2 006 371</u>	<u>372,603,991</u>	<u>1 840 479</u>	<u>385,609,143</u>
28 728		58 043	
528 554		824 838	
463 843		133 446	
<u>1 021 125</u>	<u>201,247,589</u>	<u>1 016 327</u>	<u>194,820,809</u>
<u>3 027 496</u>	<u>573,851,580</u>	<u>2 856 806</u>	<u>580,429,952</u>
	<u>52,934,525</u>		<u>78,600,193</u>
	12,517,284		15,617,945
	3,619,402		2,708,344
	16,136,686		18,326,289
	520,557		(1,642,619)
	882		47,616
	227,053		168,421
	1,281,737		417,628
	2,210,740		2,543
	<u>21,781,568</u>		—
			1,655,780
			2,151,792
			<u>21,127,452</u>
	\$ 31,152,957		<u>\$57,472,741</u>



1982-83 POOL ACCOUNT — OATS

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for the 1981-82 Pool Account for comparison)

Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Purchased from prior year Pool Account — Oats .....	
Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Weight losses in transit and in drying .....	
Oats stocks — being Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for period subsequent to July 31 .....	
Sale to subsequent Pool Account-Oats .....	
Surplus on Oats transactions .....	
Operating costs:	
Carrying charges:	
Carrying charges on Oats stored in country elevators .....	
Storage on Oats stored in terminal elevators .....	
Interest and bank charges .....	
Net additional freight on Oats shipped from country stations to terminal position .....	
Drying charges .....	
Rental of hopper cars .....	
Interest and depreciation on Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus (Deficit) on operations of the Board on the Pool Account — Oats, for the period from August 1, 1982,to October 31, 1983 .....	

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1982-83		1981-82	
Tonnes	Amount	Tonnes	Amount
170 900	\$ 15,287,956	343 761	\$37,767,451
32 024	3,426,701	3 731	450,074
<u>202 924</u>	<u>18,714,657</u>	<u>347 492</u>	<u>38,217,525</u>
87 151	9,523,661	169 766	20,720,796
13		(5)	—
72 587	8,096,431	145 708	17,753,364
43 173	4,959,168	32 023	3,426,701
<u>202 924</u>	<u>22,579,260</u>	<u>347 492</u>	<u>41,900,861</u>
	3,864,603		3,683,336
	1,106,878		2,548,039
	460,565		933,435
	1,567,443		3,481,474
	225,792		1,416,351
	210,909		349,973
			398
	13,449		221,303
	75,923		505,291
	130,952		5,974,790
	2,223,838		
	\$ 1,640,765		(\$2,291,454)





1982-83 POOL ACCOUNT — DESIGNATED OATS

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for 1981-82 Pool Account for comparison)

Designated Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver	...
Designated Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver	.....
Designated Oats stocks — being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31	.....
Surplus on Designated Oats transactions	.....
Operating costs:	
Interest	.....
Rental of hopper cars	.....
Interest and depreciation on Wheat Board hopper cars	.....
Wheat Board administrative and general expenses	.....
Surplus on operations of the Board on the Pool Account — Designated Oats, for the period from August 1, 1982, to October 31, 1983	.....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

		1981-82	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
<u>30 792</u>	<u>\$ 4,225,541</u>	<u>67 230</u>	<u>\$9,216,771</u>
28 425	4,139,445	64 440	10,526,765
<u>2 367</u>	<u>333,330</u>	<u>2 790</u>	<u>451,832</u>
<u>30 792</u>	<u>4,472,775</u>	<u>67 230</u>	<u>10,978,597</u>
	<u>247,234</u>		<u>1,761,826</u>
	(52,229)		(225,363)
	2,423		—
	13,679		43,281
	23,594		94,026
	<u>(12,533)</u>		<u>(88,056)</u>
	<u>\$ 259,767</u>		<u>\$1,849,882</u>



1982-83 POOL ACCOUNT — BARLEY

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for the 1981-82 Pool Account for comparison)

Barley acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account — Barley .....

Barley sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill .....  
Weight losses in transit and in drying .....  
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31 .....  
Sale to the subsequent Pool Account — Barley .....

Surplus on Barley transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Barley stored in country elevators .....  
Storage on Barley stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Net additional freight on Barley shipped from country stations to terminal position .....  
Handling and stop-off on Barley warehoused at interior terminals .....  
Drying charges .....  
Rental of hopper cars .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

(Deficit) Surplus on operations of the Board on the Pool Account — Barley, for the period  
from August 1, 1982, to October 31, 1983 .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1982-83		1981-82	
Tonnes	Amount	Tonnes	Amount
4 574 888	\$500,382,278	5 542 873	\$686,722,549
21 280	2,349,085	24 507	2,997,441
392 351	45,855,958	221 439	30,387,533
<u>4 988 519</u>	<u>548,587,321</u>	<u>5 788 819</u>	<u>720,107,523</u>
3 718 622	421,410,551	4 054 521	586,353,127
2 581	—	897	—
1 267 316	144,198,070	1 341 050	167,791,155
—	—	392 351	45,855,958
<u>4 988 519</u>	<u>565,608,621</u>	<u>5 788 819</u>	<u>800,000,240</u>
	<u>17,021,300</u>		<u>79,892,717</u>
	11,634,461		22,095,032
	2,827,574		5,034,489
	14,462,035		27,129,521
	(265,115)		3,590,946
	1,031,954		1,195,839
	1,266,470		497,711
	(33,710)		(37,653)
	205,978		19,732
	360,030		—
	2,032,403		3,568,324
	3,505,490		5,618,372
	<u>22,565,535</u>		<u>41,582,792</u>
	\$ (5,544,235)		<u>\$38,309,925</u>





1982-83 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1982, to completion of operations on October 31, 1983  
(with prior year figures for the 1981-82 Pool Account for comparison)

Designated Barley acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver	...
Designated Barley sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver	.....
Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31	.....
Surplus on Designated Barley transactions	.....
Operating costs:	
Interest	.....
Rental of hopper cars	.....
Interest and depreciation on Canadian Wheat Board hopper cars	.....
Wheat Board administrative and general expenses	.....
Surplus on operations of the Board on the Pool Account—Designated Barley, for the period from August 1, 1982, to October 31, 1983	.....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1982-83		1981-82	
Tonnes	Amount	Tonnes	Amount
<u>1 029 868</u>	\$161,381,046	<u>1 220 023</u>	\$190,656,652
916 292	150,557,193	1 119 039	203,065,047
<u>113 576</u>	<u>18,578,199</u>	<u>100 984</u>	<u>17,518,775</u>
<u>1 029 868</u>	<u>169,135,392</u>	<u>1 220 023</u>	<u>220,583,822</u>
	<u>7,754,346</u>		<u>29,927,170</u>
	(2,063,962)		(5,057,271)
	81,047		—
	457,521		785,412
	789,132		1,236,641
	<u>(736,262)</u>		<u>(3,035,218)</u>
	\$ 8,490,608		<u>\$32,962,388</u>



## STATEMENT OF ADMINISTRATIVE AND GENERAL

For the year ended July 31, 1983  
(with prior year figures for comparison)

Administrative and General Expenses:	1982-83	1981-82
Salaries — Board members, officers and staff .....	\$14,247,061	\$13,339,108
Unemployment insurance, pension, group insurance, medical & other employee benefits .....	1,604,101	1,552,925
Manitoba Health and Education Tax .....	55,292	—
Advisory Committee—travelling expenses and per diem allowances .....	177,816	92,194
Rental & lighting of offices including maintenance of The Canadian Wheat Board Building .....	1,363,598	1,426,576
Telephones—exchange service & long distance calls .....	301,358	287,897
Telegrams, cables & telex expense .....	154,419	146,363
Postage .....	635,741	565,735
Printing, stationery & supplies .....	468,038	707,108
Annual report, mini report & “Grain Matters”, etc. ....	140,321	152,080
District meetings .....	16,666	24,860
Office expense .....	634,211	546,963
Travelling & transfer of staff .....	757,273	691,018
Travelling expenses—inspectors .....	157,341	153,052
Legal fees and court costs .....	49,760	83,522
Audit fees .....	80,000	80,000
Computing equipment—rental & sundries .....	2,268,613	1,764,540
Repair & upkeep of office machines & equipment .....	48,663	33,136
Grain market publications & services .....	85,335	73,822
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute .....	843,166	674,303
Bonds and insurance .....	25,839	28,756
Winnipeg Commodity Exchange dues .....	12,670	11,870
Depreciation on building, furniture, equipment & automobiles .....	289,250	332,161
	<u>\$24,416,568</u>	<u>\$22,767,989</u>



## EXPENSES AND ALLOCATIONS TO OPERATIONS

## Allocations to Operations:

	1982-83	1981-82
1. Marketing of Producers' Grain		
1982-83 Pool Account—Wheat .....		
1982-83 Pool Account—Durum .....		
1982-83 Pool Account—Oats .....		
1982-83 Pool Account—Designated Oats .....	12,944	
1982-83 Pool Account—Barley .....	1,923,173	
1982-83 Pool Account—Designated Barley .....	432,902	
1981-82 Pool Account—Wheat .....	5,958,406	
1981-82 Pool Account—Durum .....		
1981-82 Pool Account—Oats .....	211,551	
1981-82 Pool Account—Designated Oats .....	36,579	
1981-82 Pool Account—Barley .....	2,263,484	
1981-82 Pool Account—Designated Barley .....	498,209	
	22,834,213	22,253,584
2. Distributing Final Payments to Producers		
(a) Wheat & Durum		
1981-82 Pool Account—Wheat .....	229,614	
1981-82 Pool Account—Durum .....	38,624	
1980-81 Pool Account—Wheat .....	45,627	
1980-81 Pool Account—Durum .....	7,485	
1979-80 Pool Account—Wheat .....	6,805	
1979-80 Pool Account—Durum .....	322	
1978-79 Pool Account—Wheat .....		
1978-79 Pool Account—Durum .....		
1977-78 Pool Account—Wheat .....		
1976-77 Pool Account—Wheat .....		
	347,419	346,895
(b) Coarse Grains		
1981-82 Pool Account—Designated Oats .....	12,371	
1981-82 Pool Account—Barley .....	124,115	
1981-82 Pool Account—Designated Barley .....	29,931	
1980-81 Pool Account—Oats .....		
1980-81 Pool Account—Barley .....		
1980-81 Pool Account—Designated Barley .....	2,450	
1979-80 Pool Account—Barley .....		
1979-80 Pool Account—Designated Barley .....	361	
1978-79 Pool Account—Oats .....	410	
1978-79 Pool Account—Barley .....		
1978-79 Pool Account—Designated Barley .....	212	
1977-78 Pool Account—Barley .....		
1977-78 Pool Account—Designated Barley .....	105	
1976-77 Pool Account—Oats .....	101	
1976-77 Pool Account—Barley .....	546	
1976-77 Pool Account—Designated Barley .....	50	
	194,936	167,510
3. Allocation authorized by Order-In-Council from Special Account		
— Undistributed Payment Accounts In partial payment of		
Administrative and General Expense Incurred In respect of the		
Prairie Grain Advance Payments Act	1,006,000	—
	\$24,416,568	\$22,767,989





## STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1983

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refund by Producers
1957-58 Crop Year .....	\$35,203,467	\$35,200,779	\$2,688
1958-59 Crop Year .....	34,369,653	34,366,768	2,885
1959-60 Crop Year .....	38,492,505	38,490,056	2,449
1960-61 Crop Year .....	63,912,550	63,904,522	8,028
1961-62 Crop Year .....	16,656,713	16,651,008	5,705
1962-63 Crop Year .....	29,251,526	29,245,974	5,552
1963-64 Crop Year .....	62,136,418	62,129,676	6,742
1964-65 Crop Year .....	32,961,844	32,955,723	6,121
1965-66 Crop Year .....	40,600,386	40,596,508	3,878
1966-67 Crop Year .....	36,668,270	36,664,605	3,665
1967-68 Crop Year .....	47,280,533	47,277,214	3,319
1968-69 Crop Year .....	151,852,319	151,769,415	82,904
1969-70 Crop Year .....	272,777,516	272,463,215	314,301
1970-71 Crop Year .....	91,105,890	91,074,000	31,890
1971-72 Crop Year .....	68,142,360	68,103,831	38,529
1972-73 Crop Year .....	20,754,104	20,742,429	11,675
1973-74 Crop Year .....	35,259,387	35,219,900	39,487
1974-75 Crop Year .....	46,635,399	46,585,183	50,216
1975-76 Crop Year .....	20,236,528	20,204,782	31,746
1976-77 Crop Year .....	130,592,220	130,446,868	145,352
1977-78 Crop Year .....	119,090,916	118,859,398	231,518
1978-79 Crop Year .....	151,316,450	151,169,090	147,360
1979-80 Crop Year .....	99,146,581	99,023,197	123,384
1980-81 Crop Year .....	61,640,150	61,566,509	73,641
1981-82 Crop Year .....	333,688,190	332,439,348	1,248,842
1982-83 Crop Year .....	309,024,998	284,450,551	24,574,447
	<u>\$2,348,796,873</u>	<u>\$2,321,600,549</u>	
Balance to be refunded by Producers as at July 31, 1983 .....			27,196,324
Add:			
Bank interest to July 31, 1983, payable by the Government of Canada .....		90,515,716	
Less: Amount paid to July 31, 1983 .....		<u>90,289,283</u>	226,433
			<u>27,422,757</u>
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada .....		1,254,994	
Line Elevator Companies .....		87,272	
Interest received on default payments .....		<u>7,811,936</u>	9,154,202
Owing to The Canadian Wheat Board as at July 31, 1983 .....			<u>\$18,268,555</u>



## STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

For the year ended July 31, 1983

Balance of Special Account as at July 31, 1982 .....	\$7,095,704
Transfer to Special Account authorized by Order-in-Council P.C. 1983-2004 from the following:	
1975 Wheat Payment and Adjustment Payment Account .....	\$488,820
1975 Oats Payment and Adjustment Payment Account .....	70,669
1975 Barley Payment and Adjustment Payment Account .....	339,457
1975 Designated Barley Payment Account .....	254,820
	<u>1,153,766</u>
	8,249,470

Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1982	Authorized Crop Year 1982-83	Unexpended as at July 31, 1983	Expended Crop Year 1982-83
C. 1983-806	Prairie Grain Advance Payments Act — Administration .....	\$ —	\$3,000,000	\$2,000,000	\$1,000,000
C. 1983-2002	General Promotion & Overseas Advertising .....	40,713	70,138	86,838	24,013
C. 1983-2003	Joint Policy Co-ordinating Committee of Can. & U.S. Wheat Producers .....	—	100,000	100,000	—
IC. 1983-2005	Customer Mission Program .....	95,038	137,461	150,740	81,759
IC. 1983-2006	Market Development 1983-84 .....	—	179,736	179,736	—
IC. 1983-2007	Canadian International Grains Institute Capital Expenditures .....	—	150,000	150,000	—
ED. 1982-2464	Market Development 1982-83 .....	93,035	—	85,751	7,284
ED. 1981-3436	Scholarships & Assistantship Program .....	86,633	280,000	129,284	237,349
ED. 1981-3517	Remote Sensing Crop Monitoring Project .....	10,000	20,000	20,312	9,688
PD. 1980-669	Prairie Production Symposium .....	25,307	—	25,330	(23)
PD. 1979-3155	Canadian International Grains Institute Capital Expenditures .....	17,167	—	—	17,167
		<u>\$367,893</u>	<u>\$3,937,335</u>	<u>\$2,927,991</u>	<u>1,377,237</u>
					6,872,233

Less: Payments to producers against old payment accounts previously transferred to the Special Account .....	14,176
Balance of Special Account as at July 31, 1983 .....	<u>\$6,858,057</u>

At July 31, 1983, there were unexpended authorizations totaling \$2,927,991 leaving an unexpended balance of \$3,930,066 in the Account



# Deloitte Haskins + Sells

Chartered Accountants

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To The Canadian Wheat Board:

We have examined the balance sheet of The Canadian Wheat Board as at July 31, 1983, and the statements of operations for the 1982-83 pool accounts for wheat, amber durum wheat, oats, designated oats, barley and designated barley for the period August 1, 1982 to completion of operations on October 31, 1983, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1983, the statement of advance payments to producers under the Prairie Grain Advance Payments Act as at July 31, 1983, and the statement of special account transactions for the year ended July 31, 1983. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Board as at July 31, 1983 and the results of operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.

Auditors

March 13, 1984



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TABLE I

ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROvinces

1959 to 1983

Crop Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed <sup>2</sup> 000 acres	Rapeseed <sup>3</sup> 000 acres	Total 000 acres
1959	23,027	1,008	24,035	5,715	7,759	459	2,032	214	40,214
1960	23,038	938	23,976	6,431	6,743	492	2,488	763	40,395
1961	22,864	1,852	24,716	5,211	5,424	495	2,054	710	38,610
1962	22,907	3,423	26,330	7,240	5,177	571	1,398	371	41,087
1963	25,087	2,003	27,090	6,338	6,042	634	1,630	478	40,292
1964	27,427	1,773	29,200	5,136	5,325	637	1,918	791	43,007
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,987
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,949
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,873
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	44,037
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,161
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	38,016
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,917
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,506
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,344
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,319
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,892
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,833
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	45,263
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	45,555
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,812
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,206
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,437
1983	29,660	3,500	33,160	2,620	10,080	952	1,110	5,750	55,272

Subject to revision.

Flaxseed acreage for British Columbia not available 1972 forward.

Rapeseed acreage for British Columbia not available 1959 to 1966.

Source: Statistics Canada.



TABLE II

YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1959 to 1983

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed
	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre
1959	492	405	490	527	592	381	213	381
1960	569	528	566	595	610	450	226	331
1961	295	213	288	394	435	251	173	358
1962	574	522	566	697	677	475	277	361
1963	710	679	708	748	777	485	317	399
1964	545	494	542	631	657	434	256	378
1965	622	546	621	743	766	561	317	356
1966	754	727	754	723	862	594	297	383
1967	533	422	528	591	666	427	228	344
1968	601	522	593	722	786	470	325	418
1969	728	716	727	760	856	437	305	376
1970	705	718	708	811	890	566	366	404
1971	744	671	735	836	930	577	322	406
1972	678	633	672	786	897	518	337	397
1973	685	600	678	796	851	566	340	382
1974	595	548	588	638	738	561	241	368
1975	730	646	716	763	856	651	317	407
1976	843	817	841	856	980	706	345	471
1977	784	709	778	848	1 004	650	442	550
1978	807	781	803	805	979	772	440	501
1979	644	643	644	770	973	627	354	405
1980	689	617	680	820	971	547	323	483
1981	810	709	796	840	1 006	833	407	530
1982	860	855	859	930	1 085	821	474	512
1983 <sup>1</sup>	787	757	784	826	960	782	419	466

<sup>1</sup> Subject to revision.

Source: Statistics Canada.



TABLE III

PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1959 to 1983

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed <sup>2</sup>	Rapeseed <sup>2</sup>	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1959	11 339	408	11 747	3 014	4 589	173	431	81	20 035
1960	13 110	495	13 605	3 826	4 115	219	560	252	22 577
1961	6 749	395	7 144	2 059	2 359	124	354	255	12 295
1962	13 148	1 788	14 936	5 042	3 508	271	389	133	24 279
1963	17 821	1 361	19 182	4 736	4 691	308	516	190	29 623
1964	14 945	876	15 821	3 243	3 502	276	493	300	23 635
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 690
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 747
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 963
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 061
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 506
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 618
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 319
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 630
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 817
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 172
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 786
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 453
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 852
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 893
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 065
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	31 877
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 441
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 995
1983 <sup>1</sup>	23 357	2 648	26 005	2 165	9 678	744	465	2 681	41 928

Subject to revision.

Flaxseed production for British Columbia not available 1972 forward.

Rapeseed production for British Columbia not available 1959 to 1966.

Source: Statistics Canada.





**TABLE IV**

**PRODUCERS' MARKETING - WESTERN CANADIAN GRAINS**

**CROP YEARS 1958-59 to 1982-83**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1958-59	9 346	662	10 008	606	2 674	119	444	147	13 998
1959-60	9 763	538	10 301	375	2 081	109	355	68	13 289
1960-61	10 169	614	10 783	580	1 914	148	461	217	14 103
1961-62	8 023	287	8 310	434	1 292	87	304	228	10 655
1962-63	11 690	1 218	12 908	1 372	1 752	238	344	129	16 743
1963-64	14 284	1 191	15 475	767	2 002	202	441	170	19 057
1964-65	13 439	836	14 275	632	1 632	187	428	247	17 401
1965-66	14 967	529	15 496	798	2 044	306	602	426	19 672
1966-67	16 577	633	17 210	593	2 454	279	511	472	21 519
1967-68	11 922	489	12 411	475	1 901	176	202	454	15 619
1968-69	10 846	670	11 516	641	1 780	97	389	399	14 822
1969-70	10 158	1 089	11 247	322	3 667	193	561	646	16 636
1970-71	8 838	1 621	10 459	898	5 136	295	856	1 395	19 039
1971-72	11 945	2 139	14 084	499	6 433	395	548	1 584	23 543
1972-73	15 359	1 875	17 234	501	5 156	235	466	1 428	25 020
1973-74	13 294	1 302	14 596	614	5 118	189	391	993	21 901
1974-75	10 182	1 315	11 497	621	4 555	265	274	935	18 147
1975-76	11 993	2 307	14 300	794	4 686	321	395	1 399	21 895
1976-77	13 410	1 532	14 942	846	5 814	301	246	1 030	23 179
1977-78	17 275	1 835	19 110	764	5 237	256	494	1 759	27 620
1978-79	12 987	1 486	14 473	363	5 364	247	425	2 945	23 817
1979-80	16 795	1 909	18 704	319	5 408	449	675	2 928	28 483
1980-81	15 902	2 722	18 624	391	6 430	354	424	2 153	28 376
1981-82	17 064	2 607	19 671	503	7 505	617	377	1 991	30 664
1982-83 <sup>1</sup>	22 462	2 868	25 330	365	7 023	518	536	2 016	35 788

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".

**TABLE V**

**PRIMARY ELEVATOR SHIPMENTS**

**CROP YEARS 1967-68 to 1982-83**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1967-68	10 273	523	10 796	602	1 871	177	248	345	14 039
1968-69	9 977	624	10 601	537	1 797	113	375	318	13 741
1969-70	10 271	790	11 061	459	3 705	178	515	536	16 454
1970-71	10 972	1 564	12 536	686	4 851	255	737	1 108	20 173
1971-72	14 160	2 054	16 214	641	6 676	297	574	967	25 369
1972-73	15 061	1 853	16 914	589	4 662	290	507	1 239	24 201
1973-74	12 926	1 400	14 326	578	4 677	193	362	753	20 889
1974-75	11 173	1 577	12 750	528	4 838	213	279	679	19 287
1975-76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
1976-77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 879
1977-78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 801
1978-79	13 508	1 478	14 986	353	5 680	219	466	1 863	23 567
1979-80	16 402	2 144	18 546	564	5 733	389	490	1 893	27 615
1980-81	15 988	2 500	18 488	406	5 740	450	508	1 280	26 872
1981-82	17 643	2 638	20 281	465	7 459	507	394	1 285	30 391
1982-83 <sup>1</sup>	21 009	2 871	23 880	368	6 815	388	382	1 228	33 061

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".



TABLE VI

VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD  
CROP YEARS 1963-64 to 1982-83

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1963-64	8 766	689	9 455	535	1 043	112	220	—	11 395
1964-65	6 740	804	7 544	677	940	121	255	14	9 551
1965-66	9 338	783	10 121	599	1 059	157	322	30	12 590
1966-67	8 909	788	9 697	552	1 434	184	305	34	12 206
1967-68	4 301	415	4 716	437	825	85	223	8	6 294
1968-69	4 370	603	4 973	309	895	84	167	25	6 452
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 571
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 296
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 064
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 861
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 071
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 080
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 396
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 923
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 590
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 057
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 641
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 951
1981-82	8 739	2 019	10 758	199	2 725	372	229	136	14 419
1982-83 <sup>1</sup>	10 918	2 242	13 160	163	3 182	116	249	125	16 995

Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" to 1981-82.

1982-1983 — Canadian Grain Commission — 451.101.

TABLE VII

# CANADIAN WHEAT SUPPLIES AND DISPOSITION CROP YEARS 1963-64 to 1983-84

Crop Year	Inward Carryover <sup>1</sup> August 1st		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>2</sup>		Exports <sup>1</sup> Wheat and Flour	Total Outward <sup>1</sup> Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial <sup>4</sup> 000 tonnes		
1963-64	1 761	11 500	19 690	32 951	2 478	1 788	16 181	12 504
1964-65	3 283	9 221	16 349	28 853	2 194	1 822	10 875	13 962
1965-66	2 969	10 993	17 674	31 636	2 313	1 971	15 918	11 434
1966-67	2 722	8 712	22 516	33 950	2 425	1 941	14 024	15 560
1967-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	18 302
1968-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	23 183
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 452
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 980
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 887
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 945
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 089
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 038
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 979
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 318
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 672	2 509	16 262	8 570
1981-82	1 645	6 925	24 803	33 373	2 845	2 322	18 447	9 759
1982-83 <sup>3</sup>	3 605	6 153	26 790	36 548	2 571	2 601	21 368	10 008
1983-84 <sup>3</sup>	2 125	7 883	26 914	36 922				

<sup>1</sup> Source: Statistics Canada.<sup>2</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.<sup>3</sup> Subject to revision.<sup>4</sup> Human food consumption in 1981-82 amounted to 1 934 400 tonnes. In 1982-83 the amount was 1 923 500 tonnes.

TABLE VIII

# CANADIAN OATS SUPPLIES AND DISPOSITION CROP YEARS 1963-64 to 1983-84

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup>	Total Outward <sup>1</sup> Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1963-64	1 425	893	6 876	9 194	5 542	596	289	2 767
1964-65	1 986	780	5 352	8 118	5 301	570	240	2 007
1965-66	1 399	608	6 168	8 175	5 358	611	245	1 961
1966-67	1 403	558	5 716	7 677	5 194	639	74	1 770
1967-68	1 326	444	4 654	6 424	4 570	535	55	1 264
1968-69	925	339	5 501	6 765	4 323	416	42	1 984
1969-70	1 457	527	5 473	7 457	4 603	487	79	2 288
1970-71	2 005	283	5 445	7 733	5 144	449	206	1 934
1971-72	1 406	528	5 640	7 574	5 067	523	161	1 823
1972-73	1 480	343	4 665	6 488	4 642	510	107	1 229
1973-74	1 002	227	5 070	6 299	4 573	519	13	1 194
1974-75	895	299	3 977	5 171	3 510	506	22	1 133
1975-76	741	392	4 480	5 613	3 624	477	281	1 231
1976-77	802	429	4 831	6 062	3 753	487	494	1 328
1977-78	1 033	295	4 283	5 611	3 349	497	90	1 675
1978-79	1 203	472	3 568	5 243	3 305	401	17	1 520
1979-80	1 103	417	2 879	4 399	2 961	444	103	891
1980-81	702	189	2 911	3 802	2 611	385	46	760
1981-82	610	150	3 188	3 948	2 655	387	51	855
1982-83 <sup>4</sup>	640	215	3 684	4 539	3 050	289	105	1 095
1983-84 <sup>4</sup>	920	175	2 773	3 868				

<sup>1</sup> Source: Statistics Canada.<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Rolled Oats, Oatmeal and Seed Oats.<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.<sup>4</sup> Subject to revision.

**TABLE IX**  
**CANADIAN BARLEY SUPPLIES AND DISPOSITION**  
**CROP YEARS 1963-64 to 1983-84**

Crop Year	Inward Carryover August 1st¹		Production¹	Total Supplies	Domestic Disappearance³		Exports²	Total Supply and Disappearance
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1963-64	630	1 313	4 817	6 760	2 134	1 029	1 022	10 607
1964-65	1 306	1 269	3 668	6 243	2 558	946	806	10 667
1965-66	780	1 153	4 753	6 686	2 760	970	828	10 474
1966-67	718	1 410	6 450	8 578	3 245	1 190	1 275	10 913
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	10 806
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	11 724
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	12 854
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	13 409
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	16 529
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	15 911
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	16 727
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	17 993
1975-76	1 110	2 994	9 510	13 614	4 837	1 673	4 341	19 468
1976-77	1 088	1 675	10 513	13 276	4 634	1 647	3 777	19 690
1977-78	1 132	2 086	11 802	15 020	4 582	1 682	3 548	20 250
1978-79	3 113	2 095	10 397	15 605	4 943	1 975	3 792	21 372
1979-80	3 200	1 695	8 478	13 373	5 139	2 141	4 087	22 591
1980-81	1 100	906	11 394	13 400	4 899	1 790	3 508	23 698
1981-82	1 140	2 063	13 724	16 927	5 340	1 436	5 990	24 303
1982-83⁴	1 980	2 181	14 074	18 235	5 598	1 643	5 670	25 506
1983-84⁴	3 420	1 904	10 616	15 940				

¹ Source: Statistics Canada.  
 ² Source: Statistics Canada "Grain Trade of Canada". Includes Export Barley and Pot and Pearl Barley.  
 ³ A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.  
 ⁴ Subject to revision.

**TABLE X**  
**CANADIAN GRAIN STORAGE POSITION 1964 to 1983**  
**VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31ST¹**

Year							U.S. and Foreign Grain 000 tonnes	Total 000 tonnes	Capacity 000 tonnes
	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes			
1964	9 221	780	1 269	137	133	20	193	11 753	11 753
1965	10 993	608	1 153	168	156	28	201	13 307	13 307
1966	8 712	558	1 410	207	227	68	211	11 393	11 393
1967	10 117	444	1 410	155	262	110	200	12 698	12 698
1968	11 689	339	1 298	141	104	170	209	13 950	13 950
1969	13 053	527	1 326	93	104	99	219	15 421	15 421
1970	12 682	283	1 700	151	136	79	284	15 315	15 315
1971	9 235	528	1 799	192	409	246	143	12 552	12 552
1972	7 410	344	1 956	261	255	609	206	11 041	11 041
1973	6 815	226	2 287	221	180	460	389	10 578	10 578
1974	7 884	299	3 101	203	163	247	313	12 210	12 210
1975	6 405	392	2 994	251	155	309	124	10 630	10 630
1976	6 401	429	1 675	223	330	697	142	9 897	9 897
1977	6 160	295	2 086	289	186	174	128	9 318	9 318
1978	7 108	472	2 095	212	367	291	201	10 746	10 746
1979	5 957	417	1 695	248	244	819	255	9 635	9 635
1980	6 448	189	906	279	440	1 137	349	9 748	9 748
1981	6 925	150	2 063	169	228	924	213	10 672	10 672
1982	6 154	215	2 181	231	221	621	176	9 799	9 799
1983	7 883	175	1 904	431	347	446	117	11 303	11 303

Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill or feed plants for processing.  
 For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.  
 Metric tonnes expressed in wheat equivalent.  
 Subject to revision.





**TABLE XI**

**EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS**  
**CROP YEARS 1958-59 to 1982-83**

Crop Year	Wheat <sup>1</sup> 000 tonnes	Flour <sup>2</sup> 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed <sup>3</sup> 000 tonnes	Rapeseed <sup>4</sup> 000 tonnes	Corn 000 tonnes	Total 000 tonnes
1958-59	7 006	1 010	116	1 534	82	372	146	3	10 269
1959-60	6 541	1 006	94	1 388	115	322	67	2	9 535
1960-61	8 643	971	41	1 027	66	366	184	2	11 300
1961-62	8 878	870	53	934	111	316	158	2	11 322
1962-63	8 276	742	335	335	186	330	130	1	10 335
1963-64	14 687	1 494	289	1 022	140	362	121	2	18 117
1964-65	10 017	858	240	806	123	398	210	7	12 659
1965-66	14 881	1 038	246	828	204	495	309	9	18 010
1966-67	13 157	867	74	1 275	253	433	313	2	16 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 341	299	212	820	233	18 522
1976-77	12 711	725	494	3 777	168	369	1 449	180	19 873
1977-78	15 246	794	90	3 548	271	282	1 476	323	22 030
1978-79	12 302	782	17	3 792	154	514	2 287	192	20 040
1979-80	15 215	674	103	4 087	397	475	2 420	344	23 715
1980-81	15 569	693	46	3 508	446	607	2 212	1 051	24 132
1981-82	17 973	474	51	5 990	547	481	2 040	1 281	28 837
1982-83	20 956	411	105	5 670	251	419	1 752	501	30 065

<sup>1</sup> Wheat exports include bagged Seed Wheat.

<sup>2</sup> Wheat equivalent.

<sup>3</sup> Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal from 1979-80.

<sup>4</sup> Rapeseed exports for the years 1964-65 to 1972-73 do not include Rapeseed Oil exports. The years 1958-59 to 1963-64 include Rapeseed Oil exports. The years 1973-74 to 1982-83 include Rapeseed Oil and Rapeseed Meal exports.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".





TABLE XII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREA AND COUNTRY  
CROP YEARS 1973-74 to 1982-83

Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	37	57	4	38	71	36	12	—	16	23
Denmark	—	—	—	—	—	1	1	—	—	—
France	41	51	29	30	81	62	4	12	88	107
Germany, Federal Republic	354	93	86	356	66	15	12	1	18	1
Greece	4	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	1	—
Italy	615	658	629	546	894	544	723	765	515	—
Netherlands	34	156	62	197	221	62	—	—	—	—
United Kingdom	1 238	1 567	1 189	1 431	1 526	1 312	1 361	1 409	1 366	1 10
TOTAL EEC	2 323	2 582	1 999	2 598	2 859	2 032	2 143	2 174	2 066	1 10
OTHER WESTERN EUROPE:										
Austria	3	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	6	88	9	6	29	—
Malta	11	22	—	—	—	—	—	—	—	—
Norway	65	83	112	118	67	67	137	10	57	70
Portugal	29	4	—	—	57	39	43	17	—	—
Spain	—	—	—	—	26	54	—	51	—	—
Sweden	—	—	—	—	1	4	1	—	—	2
Switzerland	173	36	60	52	77	63	71	54	49	109
TOTAL OTHER WESTERN EUROPE:	281	145	172	170	234	315	261	138	177	109
EASTERN EUROPE:										
Albania	69	43	24	—	—	—	—	—	—	—
Czechoslovakia	—	—	—	67	—	—	6	—	14	5
Germany, People's Rep. of	—	—	—	292	32	74	10	67	—	308
Poland	108	60	369	868	686	583	1 487	1 091	1 674	622
Romania	—	—	473	84	—	—	—	—	—	—
J.S.S.R.	979	352	3 236	1 043	2 146	1 429	2 579	3 971	5 019	6 959
Yugoslavia	60	—	—	130	88	—	127	—	—	—
TOTAL EASTERN EUROPE:	1 216	455	4 102	2 484	2 952	2 586	4 204	5 162	6 703	—
TOTAL EUROPE:	3 820	3 182	6 273	5 252	6 045	4 343	6 407	7 336	8 769	1 109
AFRICA:										
Algeria	371	564	83	508	462	335	598	654	590	512
Benin	—	—	—	—	—	—	1	—	—	—
Ethiopia	4	26	5	—	86	15	51	81	45	92
French Africa NES	2	3	—	—	—	—	—	—	—	—
Ghana	70	42	79	117	104	76	98	25	45	24
Ivory Coast	—	—	—	—	—	—	—	—	1	—
Kenya	—	—	—	—	—	—	—	—	16	—
Libya	—	—	—	22	—	—	28	81	291	110
Mali	—	—	—	—	—	—	—	—	—	13
Mauritania	8	4	—	5	8	10	—	2	—	4
Morocco	—	56	34	88	275	100	129	12	15	—
Mozambique	—	—	—	32	11	11	—	5	16	25
Niger	—	—	5	—	—	—	—	—	2	4
Nigeria	35	18	—	23	3	20	28	—	—	21
Rwanda	—	—	—	—	—	1	—	—	—	1
Senegal	—	—	—	5	10	2	6	8	9	13
Sierra Leone	—	—	—	—	—	—	—	—	7	—
Somalia	—	—	—	10	—	—	—	—	—	—
Swaziland	—	—	—	1	—	—	7	—	—	—
Tanzania	—	42	21	24	34	38	—	10	13	—
Togo	—	2	—	6	5	3	8	—	—	21
Tunisia	16	11	—	47	41	73	49	23	10	—
Zambia	—	—	—	—	—	—	8	—	—	—
Zimbabwe	—	—	—	—	—	—	—	—	—	3
Upper Volta	—	—	—	—	—	1	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Zambia	45	75	—	—	—	—	17	—	—	—
Zimbabwe	—	—	—	—	—	—	3	—	—	—
TOTAL AFRICA	551	843	227	888	1 039	685	1 031	901	1 260	810



Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>MIDDLE EAST:</b>										
Arab Rep. of Egypt	—	—	—	258	409	117	—	—	316	—
Cyprus	—	—	—	13	8	—	—	—	73	—
Iran	—	—	—	—	—	—	110	96	73	—
Iraq	1	207	111	209	233	102	428	453	258	—
Israel	—	1	—	—	1	—	—	—	—	—
Jordan	—	—	—	1	—	—	—	—	—	—
Lebanon	213	161	82	25	105	221	75	119	91	—
Qatar	—	10	—	—	—	—	—	—	—	—
Saudi Arabia	4	8	—	—	—	—	—	—	—	—
Syria	47	—	—	84	281	—	20	—	—	—
Turkey	93	—	—	—	—	—	—	—	—	—
Yemen, P.D.R.	14	2	27	2	8	1	—	6	—	—
<b>TOTAL MIDDLE EAST:</b>	<b>372</b>	<b>389</b>	<b>220</b>	<b>592</b>	<b>1 045</b>	<b>441</b>	<b>633</b>	<b>674</b>	<b>738</b>	<b>8</b>
<b>ASIA:</b>										
Afghanistan	—	3	—	7	34	13	21	—	—	—
Bangladesh	314	332	154	190	222	337	428	134	264	3
Burma	—	5	—	—	—	—	—	—	—	—
China, People's Rep. of	1 462	2 244	1 207	2 074	3 469	3 102	2 516	2 879	3 101	4 4
Hong Kong	25	8	13	34	30	34	37	16	9	—
India	492	368	539	79	—	—	—	40	91	—
Indonesia	92	61	20	148	—	—	24	—	32	—
Japan	1 705	1 191	1 574	1 246	1 419	1 226	1 336	1 381	1 367	1 3
Korea, Dem. People's Rep.	132	—	—	36	—	—	—	—	—	—
Korea, South	—	—	—	29	—	—	—	—	—	—
Malaysia	16	—	—	7	3	20	10	10	—	—
Nepal	—	—	—	—	—	—	13	1	—	—
Pakistan	331	84	161	58	89	150	34	6	54	—
Philippines	93	159	8	363	—	—	27	—	—	—
Singapore	1	—	—	—	23	4	—	—	—	—
Sri Lanka	—	—	—	—	—	—	—	—	21	—
Taiwan	—	—	—	22	—	—	79	—	28	—
Viet-Nam	—	—	—	12	118	22	—	—	—	—
<b>TOTAL ASIA:</b>	<b>4 663</b>	<b>4 455</b>	<b>3 676</b>	<b>4 305</b>	<b>5 407</b>	<b>4 908</b>	<b>4 525</b>	<b>4 467</b>	<b>4 967</b>	<b>6 5</b>
<b>WESTERN HEMISPHERE:</b>										
Barbados	—	—	—	—	1	4	4	—	5	—
Belize	—	—	—	—	—	—	—	—	—	—
Brazil	841	858	597	1 031	782	948	1 270	1 284	1 314	1 5
Chile	—	—	—	—	75	—	—	—	24	—
Costa Rica	6	—	—	—	—	—	—	—	4	—
Cuba	300	328	470	339	496	523	866	656	730	8
Dominican Republic	—	—	—	—	3	—	—	—	—	—
Haiti Republic	50	25	32	53	71	38	33	37	20	—
Honduras	—	—	—	—	—	—	—	—	—	—
Jamaica	—	—	8	23	30	51	62	45	31	—
Mexico	41	—	—	—	91	21	71	27	154	1
Nicaragua	—	—	—	—	—	—	—	—	18	—
Peru	161	93	96	62	78	124	48	—	8	—
St. Vincent	—	—	—	—	16	21	4	—	—	—
Trinidad & Tobago	7	—	11	85	60	87	8	—	—	—
Venezuela	4	52	3	44	—	15	4	—	15	—
United States	77	—	22	35	—	—	—	—	—	—
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>1 487</b>	<b>1 356</b>	<b>1 239</b>	<b>1 672</b>	<b>1 703</b>	<b>1 832</b>	<b>2 370</b>	<b>2 049</b>	<b>2 323</b>	<b>2 7</b>
<b>TOTAL BULK WHEAT:</b>	<b>10 893</b>	<b>10 225</b>	<b>11 635</b>	<b>12 709</b>	<b>15 239</b>	<b>12 299</b>	<b>15 212</b>	<b>15 567</b>	<b>17 972</b>	<b>20 9</b>
<b>BAGGED SEED WHEAT:</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>—</b>
<b>GRAND TOTAL:</b>	<b>10 902</b>	<b>10 228</b>	<b>11 637</b>	<b>12 711</b>	<b>15 246</b>	<b>12 302</b>	<b>15 215</b>	<b>15 569</b>	<b>17 973</b>	<b>20 9</b>

Source: Canadian Grain Commission "Canada Grain Exports" for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".

1 Subject to revision.



TABLE XIII

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1973-74 to 1982-83

Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83 <sup>1</sup>
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC	5	4	5	3	—	—	—	2	1	1
Other Western Europe	2	4	4	3	5	4	4	4	4	3
TOTAL WESTERN EUROPE:	7	8	9	6	5	4	4	6	5	4
EASTERN EUROPE:	—	—	20	9	2	—	—	24	—	—
TOTAL EUROPE:	7	8	29	15	7	4	4	30	5	4
AFRICA:										
Arab Republic of Egypt	—	—	15	34	42	38	31	12	32	26
Algeria	—	1	—	—	—	2	7	11	5	5
Others	41	36	2	5	9	9	10	16	48	41
TOTAL AFRICA:	41	37	17	39	51	49	48	29	85	72
MIDDLE EAST:	16	19	35	14	29	36	27	10	25	21
ASIA:										
Korea South	—	—	39	6	48	31	2	17	—	51
Sri Lanka	16	3	33	71	27	51	3	—	—	—
Thailand	2	1	1	1	1	1	1	1	1	1
Viet Nam	—	—	13	18	98	49	42	—	—	—
Others	5	4	4	7	9	4	5	3	2	1
TOTAL ASIA:	23	8	90	103	183	146	60	20	2	53
WESTERN HEMISPHERE:										
A Bahamas	5	5	5	4	5	4	5	4	4	5
Barbados	8	7	8	5	5	6	3	3	3	3
Bermuda	3	3	3	2	3	3	4	4	3	3
Cuba	403	420	478	506	493	509	471	326	320	223
Haiti Republic	—	1	4	6	—	8	35	11	1	2
Jamaica	5	5	3	3	3	16	3	4	6	2
Leeward & Windward Islands	19	18	19	13	9	3	3	2	2	2
Trinidad & Tobago	6	4	1	13	3	2	2	3	3	2
United States	3	10	2	1	1	2	2	7	8	12
Others	3	5	5	1	2	4	13	6	6	7
TOTAL WESTERN HEMISPHERE:	455	478	528	554	524	537	511	353	341	257
GRAND TOTAL:	542	550	699	725	734	587	559	389	346	261

Subject to revision.  
Source: Statistics Canada.



TABLE XIV

**CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1973-74 to 1982-83**

Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	4	13	2	8	—	4	6	—	13	—
Denmark	—	—	—	—	—	1	1	—	—	—
France	32	47	27	27	75	62	—	12	88	9
Germany, Federal Republic	188	78	75	43	14	15	—	1	18	—
Greece	4	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	1	—
Italy	260	536	386	213	762	376	628	526	423	52
Netherlands	1	8	34	48	97	58	47	13	24	1
United Kingdom	30	24	10	43	32	7	7	12	5	—
<b>TOTAL EEC:</b>	<b>519</b>	<b>706</b>	<b>534</b>	<b>382</b>	<b>980</b>	<b>523</b>	<b>689</b>	<b>564</b>	<b>572</b>	<b>63</b>
<b>OTHER WESTERN EUROPE:</b>										
Austria	3	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	3	—	—
Norway	—	—	21	—	2	6	6	10	—	1
Portugal	29	4	—	—	—	14	29	17	—	—
Spain	—	—	—	—	26	40	—	51	—	—
Sweden	—	—	—	—	1	4	1	—	—	—
Switzerland	67	13	49	26	20	16	21	24	27	4
<b>TOTAL OTHER WESTERN EUROPE:</b>	<b>99</b>	<b>17</b>	<b>70</b>	<b>26</b>	<b>49</b>	<b>80</b>	<b>57</b>	<b>105</b>	<b>27</b>	<b>5</b>
<b>EASTERN EUROPE:</b>										
Czechoslovakia	—	—	—	25	—	—	6	—	14	—
Germany, People's Republic of	—	—	—	—	—	—	10	32	—	2
Poland	107	61	25	175	14	100	255	93	112	5
U.S.S.R.	66	—	838	447	396	222	254	496	860	1 20
<b>TOTAL EASTERN EUROPE:</b>	<b>173</b>	<b>61</b>	<b>863</b>	<b>647</b>	<b>410</b>	<b>322</b>	<b>525</b>	<b>621</b>	<b>986</b>	<b>1 29</b>
<b>TOTAL EUROPE:</b>	<b>791</b>	<b>784</b>	<b>1 467</b>	<b>1 055</b>	<b>1 439</b>	<b>925</b>	<b>1 271</b>	<b>1 290</b>	<b>1 585</b>	<b>1 98</b>
<b>AFRICA:</b>										
Algeria	371	564	83	508	462	336	595	654	589	51
Libya	—	—	—	22	—	—	10	24	52	4
Mauritania	—	—	—	5	—	—	—	2	—	—
Morocco	—	39	9	24	—	—	—	—	—	—
Niger	—	—	5	—	—	—	—	—	—	—
Senegal	—	—	—	5	—	—	—	—	—	—
Tunisia	—	—	—	24	41	73	38	23	—	—
<b>TOTAL AFRICA:</b>	<b>371</b>	<b>603</b>	<b>97</b>	<b>588</b>	<b>503</b>	<b>409</b>	<b>643</b>	<b>703</b>	<b>641</b>	<b>56</b>
<b>MIDDLE EAST:</b>										
Israel	—	—	—	—	1	—	—	—	—	—
Lebanon	79	—	—	—	—	—	—	—	—	—
<b>TOTAL MIDDLE EAST:</b>	<b>79</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>ASIA:</b>										
Bangladesh	—	—	76	33	7	—	5	—	—	—
Japan	9	13	—	—	—	—	—	48	32	7
<b>TOTAL ASIA:</b>	<b>9</b>	<b>13</b>	<b>76</b>	<b>33</b>	<b>7</b>	<b>—</b>	<b>5</b>	<b>48</b>	<b>32</b>	<b>7</b>
<b>WESTERN HEMISPHERE:</b>										
Costa Rica	—	—	—	—	—	—	—	—	4	—
Cuba	14	19	22	20	18	16	25	34	44	5
Venezuela	—	3	3	—	—	—	4	—	4	—
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>14</b>	<b>22</b>	<b>25</b>	<b>20</b>	<b>18</b>	<b>16</b>	<b>29</b>	<b>34</b>	<b>52</b>	<b>5</b>
<b>GRAND TOTAL:</b>	<b>1 264</b>	<b>1 422</b>	<b>1 665</b>	<b>1 696</b>	<b>1 968</b>	<b>1 350</b>	<b>1 948</b>	<b>2 075</b>	<b>2 310</b>	<b>2 66</b>

Source: Canadian Grain Commission for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".

<sup>1</sup> Subject to revision.

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES										
CROP YEARS 1973-74 to 1982-83										
Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	16	17	13	119	94	—	—	—	121	481
Denmark	—	—	—	10	—	—	—	—	—	—
France	—	—	—	7	—	—	—	—	—	—
Germany, Federal Rep.	204	40	235	238	206	100	53	—	—	51
Greece	2	—	—	—	26	—	—	—	—	—
Italy	438	658	593	851	630	425	582	344	417	310
Netherlands	21	23	47	155	31	—	—	1	—	—
United Kingdom	40	31	58	56	58	72	24	10	3	—
TOTAL EEC:	721	769	946	1 436	1 045	597	659	355	541	811
OTHER WESTERN EUROPE:										
Finland	—	—	—	—	—	—	—	—	111	—
Iceland	—	1	—	—	—	4	4	3	1	—
Malta	4	5	2	—	—	—	9	—	—	—
Spain	—	56	—	—	—	—	—	—	235	410
Switzerland	—	38	30	40	—	—	—	—	—	—
TOTAL OTHER WESTERN EUROPE:	4	100	32	40	—	4	13	3	347	410
EASTERN EUROPE:										
Bulgaria	—	28	—	—	—	31	—	—	—	—
Germany, People's Republic of	19	—	27	282	—	246	—	—	103	600
Hungary	30	—	—	—	—	32	—	—	—	—
Poland	285	354	318	150	595	570	383	147	—	—
Romania	—	—	—	—	15	226	—	—	—	—
U.S.S.R.	147	—	1 175	121	166	126	872	1 573	2 780	1 526
TOTAL EASTERN EUROPE:	481	382	1 520	553	776	1 231	1 255	1 720	2 883	2 126
TOTAL EUROPE:	1 206	1 251	2 498	2 029	1 821	1 832	1 927	2 078	3 71	
AFRICA:										
Algeria	23	33	—	78	109	80	138	—	36	—
Libya	—	—	—	9	—	—	—	—	—	—
Morocco	12	3	—	—	21	—	—	—	4	—
Tunisia	—	—	—	—	—	21	—	—	—	—
TOTAL AFRICA:	35	36	—	87	130	101	138	—	40	—
MIDDLE EAST:										
Cyprus	12	—	20	—	20	63	93	—	45	61
Iran	53	201	26	177	184	154	23	—	80	92
Iraq	—	—	46	—	—	16	59	—	—	101
Israel	164	179	227	132	116	235	239	124	209	252
Jordan	—	—	—	—	—	—	23	—	—	8
Kuwait	—	—	—	—	—	—	32	—	—	—
Lebanon	—	10	7	18	9	15	43	—	15	—
Saudi Arabia	—	—	—	—	—	—	57	—	89	—
Syria	—	—	—	—	—	—	103	—	—	—
Turkey	34	—	—	—	—	—	—	—	—	—
TOTAL MIDDLE EAST:	263	390	280	373	329	483	672	124	436	513
ASIA:										
China, People's Republic of	—	—	—	—	—	—	—	—	77	83
Japan	763	789	1 031	862	841	873	789	805	914	970
Korea, South	5	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	118	83
TOTAL ASIA:	768	789	1 031	862	841	873	789	805	1 109	1 136
WESTERN HEMISPHERE:										
Colombia	—	—	35	56	72	78	91	47	86	101
Cuba	11	11	21	33	38	31	47	60	53	42
Ecuador	—	—	—	—	—	7	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	22
Peru	19	17	8	—	19	9	29	11	23	16
United States	281	341	282	168	99	140	138	111	202	121
TOTAL WESTERN HEMISPHERE:	311	369	346	257	228	265	305	229	364	252
TOTAL BARLEY:	2 583	2 835	4 155	3 608	3 349	3 554	3 831	3 236	5 722	5 330
EQUALT (Barley Equivalent):	193	178	186	168	199	238	255	271	267	340
GRAND TOTAL:	2 776	3 013	4 341	3 776	3 548	3 792	4 086	3 507	5 989	5 670

Source: Canadian Grain Commission "Canada Grain Exports" for 1982-83.  
All previous years: Statistics Canada "Grain Trade of Canada".  
Subject to revision.





TABLE XVI

**CANADIAN OATS EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1973-74 to 1982-83**

Country	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	—	—	—	36	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany, Federal Rep.	—	2	—	164	1	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	68	40	—	14	—	—	—
Netherlands	—	—	9	114	2	1	12	—	—	—
United Kingdom	—	3	—	7	—	—	—	—	—	—
<b>TOTAL EEC:</b>			9	185	43	1	26	—	—	—
<b>OTHER WESTERN EUROPE:</b>										
Switzerland	—	—	—	19	—	3	—	—	—	—
<b>TOTAL OTHER WESTERN EUROPE:</b>				19	—	3	—	—	—	—
<b>EASTERN EUROPE:</b>										
Poland	—	—	—	42	—	—	47	41	3	—
U.S.S.R.	—	—	251	—	—	—	—	—	16	—
<b>TOTAL EASTERN EUROPE:</b>			251	42	—	—	47	41	19	—
<b>TOTAL EUROPE:</b>			260	146	43	1	73	82	22	—
<b>MIDDLE EAST:</b>										
Yemen	—	—	4	—	—	—	—	—	—	—
<b>TOTAL MIDDLE EAST:</b>			4	—	—	—	—	—	—	—
<b>ASIA:</b>										
Japan	—	—	—	3	—	—	—	—	—	—
<b>TOTAL ASIA:</b>			—	3	—	—	—	—	—	—
<b>WESTERN HEMISPHERE:</b>										
Cuba	5	3	11	19	29	9	26	2	11	—
Peru	—	—	—	—	3	—	—	—	—	—
Venezuela	6	9	4	—	3	—	—	1	—	—
United States	1	4	1	20	11	—	2	—	17	8
<b>TOTAL WESTERN HEMISPHERE:</b>	12	16	16	39	43	9	28	3	28	8
<b>SUB-TOTALS, ALL COUNTRIES:</b>										
Seed Oats	—	—	—	1	1	2	1	1	3	—
Oatmeal and Rolled Oats (Oats Equivalent)	—	—	—	1	—	2	3	—	—	—
<b>TOTALS, ALL COUNTRIES:</b>	12	16	280	494	90	11	105	45	50	10

Source: Canadian Grain Commission "Canada Grain Exports" for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".

<sup>1</sup> Subject to revision.



TABLE XVII

OVERSEAS CLEARANCES OF CANADIAN BULK GRAIN<sup>1</sup> BY PORT

CROP YEARS 1962-63 to 1982-83

Crop Year	Atlantic Coast <sup>3</sup> 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct <sup>4</sup> 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1962-63	543	3 235	499	592	4 216	9 085
1963-64	1 480	7 806	446	590	5 689	16 011
1964-65	931	4 209	497	600	4 900	11 137
1965-66	1 091	8 104	635	682	6 130	16 642
1966-67	896	6 813	794	572	6 038	15 113
1967-68	423	3 271	569	586	5 025	9 874
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82	862	11 909	954	438	11 625	25 788
1982-83 <sup>5</sup>	657	14 944	782	557	11 521	28 461

<sup>1</sup> To all countries except the U.S.A.

<sup>2</sup> Wheat (excluding bagged seed wheat), Oats, Barley, Rye and Flaxseed. Includes Rapeseed from 1965-66.

<sup>3</sup> Includes exports from U.S.A. ports for year 1961-62 and 1962-63 only.

<sup>4</sup> Includes shipments from ports along the Great Lakes.

<sup>5</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1982-83.

All previous years: Statistics Canada "Grain Trade of Canada".



TABLE XVIII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES

CROP YEARS 1968-69 to 1982-83

Crop Year	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC <sup>1</sup> 000 tonnes	China 000 tonnes
1968-69	17 688	5 740	14 804	42 365	38 611	27 000
1969-70	18 268	7 020	10 547	39 263	37 217	29 000
1970-71	9 024	4 920	7 890	36 783	36 557	31 000
1971-72	14 412	5 440	8 607	44 052	41 988	33 000
1972-73	14 514	7 900	6 590	42 081	43 282	35 000
1973-74	16 162	6 560	11 987	46 560	43 081	38 000
1974-75	13 304	5 970	11 357	48 496	47 501	41 000
1975-76	17 081	8 570	11 982	57 776	40 039	46 000
1976-77	23 587	11 000	11 800	58 306	41 466	50 500
1977-78	19 858	5 300	9 370	55 419	40 125	41 000
1978-79	21 136	8 100	18 090	48 953	50 304	54 000
1979-80	17 196	8 100	16 188	58 288	48 826	62 700
1980-81	19 292	7 780	10 856	64 492	55 089	54 155
1981-82	24 803	8 100	16 372	76 441	54 398	59 650
1982-83 <sup>2</sup>	27 620	15 130	8 902	65 524	59 616	68 420
Crop Year	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1968-69	16 540	9 520	93 393	6 418	60 321	332 400
1969-70	18 651	10 500	79 917	6 617	58 200	315 200
1970-71	20 093	10 000	99 664	7 294	55 675	318 900
1971-72	23 833	13 500	98 760	6 476	64 432	354 500
1972-73	26 410	12 200	85 993	6 579	66 551	347 100
1973-74	24 735	10 000	109 784	7 443	64 288	378 600
1974-75	21 778	11 000	83 913	7 629	71 952	363 900
1975-76	24 235	14 750	66 224	7 673	65 670	360 000
1976-77	28 846	16 500	96 882	8 691	77 522	425 100
1977-78	29 010	16 650	92 161	9 144	68 263	386 300
1978-79	31 749	16 700	120 936	8 367	72 765	451 100
1979-80	35 508	17 500	90 207	9 950	64 237	428 700
1980-81	31 564	16 600	98 182	10 805	75 185	444 000
1981-82	36 310	17 000	80 000	11 475	68 751	453 300
1982-83 <sup>2</sup>	37 830	17 500	85 000	11 126	86 432	483 100

<sup>1</sup> Ten Member States

<sup>2</sup> Preliminary — subject to revision.

Source: For Canada — Statistics Canada.

United States — "Crop Production", USDA, November, 1983.

For all other countries — IWC World Wheat Statistics.



TABLE XIX

COARSE GRAIN<sup>1</sup> PRODUCTION IN THE MAJOR EXPORTING COUNTRIES<sup>2</sup>

Countries	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
(million of tonnes)								
Canada:								
Barley	8.8	9.5	10.5	11.8	10.4	8.5	11.4	13.7
Oats	3.9	4.5	4.8	4.3	3.6	2.9	2.9	3.2
Corn	2.6	3.6	3.8	4.2	4.5	5.3	5.7	6.7
Rye	0.5	0.5	0.4	0.4	0.6	0.5	0.5	0.9
Mixed Grain	1.6	1.8	1.6	1.6	1.6	1.7	1.6	1.5
Total	17.4	19.9	21.1	22.3	20.7	18.9	22.1	26.0
United States	150.9	185.1	193.9	203.8	222.1	238.7	198.4	249.0
Australia	4.5	5.6	5.1	4.3	7.1	6.2	5.2	6.6
Argentina	13.8	12.4	16.9	18.3	17.3	10.6	21.0	18.4
South Africa	9.7	7.7	10.3	11.0	8.8	11.7	15.3	8.8
Thailand	2.7	3.3	3.0	2.2	3.0	3.6	3.5	4.7
Western Europe	85.1	81.5	73.1	87.5	94.0	91.1	94.9	87.8
Eastern Europe	57.3	59.4	59.5	59.2	60.5	63.4	61.2	62.0
U.S.S.R.	99.7	65.8	115.0	92.6	105.3	81.1	80.5	72.0
Others	187.1	204.1	202.5	201.5	214.8	261.5	228.7	231.7
WORLD TOTAL	628.2	644.8	700.4	702.7	753.6	741.8	730.8	767.0

<sup>1</sup> Includes corn, barley, oats, rye, sorghum, millet and mixed grains.

<sup>2</sup> July-June crop year for all countries, except Canada, which is the August-July crop year.

<sup>3</sup> Subject to revision.

Source: USDA "Foreign Agriculture Circular", F.G. 37, December, 1983, page 13 for all countries except Canada 1972-73 to 1974-75; Handbook of Agricultural Statistics, 1975-76 to 1982-83, Field Crop Reporting Series No. 20.



TABLE XX

**WORLD COARSE GRAIN<sup>1</sup> EXPORTS\***  
1974-75 to 1982-83

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83 <sup>2</sup>
(million of tonnes)									
Canada:									
Barley	2.8	4.2	3.6	3.3	3.6	3.8	3.2	5.7	5.3
Oats	—	0.3	0.5	0.1	—	0.1	—	—	0.1
Corn	—	0.2	0.2	0.3	0.2	0.3	1.1	1.3	0.5
Rye	0.1	0.3	0.1	0.3	0.2	0.4	0.4	0.5	0.3
Total	2.9	5.0	4.4	4.0	4.0	4.6	4.7	7.5	6.2
United States	34.3	46.5	50.6	52.1	56.9	71.4	69.2	58.6	53.9
Argentina	8.5	5.4	9.5	11.0	11.5	5.3	14.2	10.2	11.7
EEC <sup>3</sup>	1.6	2.5	0.5	3.5	5.3	5.0	5.6	5.2	5.5
Australia	2.9	3.2	3.3	1.9	2.6	4.1	2.3	3.4	0.8
South Africa	3.5	3.4	1.4	2.9	2.9	3.5	4.1	4.7	2.3
Thailand	2.2	2.6	2.3	1.3	2.3	2.2	2.4	3.5	2.4
U.S.S.R.	1.0	—	2.0	1.0	1.0	—	—	—	—
Others	6.8	7.8	8.5	5.8	3.7	2.7	5.4	5.3	8.2
<b>WORLD TOTAL</b>	<b>63.7</b>	<b>76.4</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>107.9</b>	<b>98.4</b>	<b>91.0</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Excluding intra-trade between member countries 1979-80 to 1982-83.

Source: Canada — Canadian Grain Commission "Canadian Grain Exports" for 1982-83.

All previous years — Statistics Canada "Grain Trade of Canada", August/July crop year.

United States and other countries — "U.S.D.A. Foreign Agriculture Circular" December 14/83. FG-37-83 Page 19.

\* July-June trade year through 1978-1979 — from 1979-80 the trade year is October/September for all countries except Canada.

**WORLD IMPORTS OF COARSE GRAINS<sup>1</sup>**  
1974-75 to 1982-83\*

	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83 <sup>2</sup>
(million of tonnes)									
EEC <sup>3</sup>	16.2	17.8	26.7	16.0	16.0	13.3	11.1	8.8	6.3
Other Western Europe	9.5	7.5	7.8	9.3	7.7	9.4	10.3	12.7	9.8
Eastern Europe	6.4	7.8	8.8	8.3	10.6	11.5	10.2	6.1	5.0
U.S.S.R.	2.7	15.5	5.7	11.7	9.9	13.8	23.5	20.4	11.6
Japan	13.1	13.5	15.9	17.0	17.9	18.3	18.6	17.9	18.1
Others	15.8	14.3	17.6	21.2	28.1	32.5	34.2	32.5	40.2
<b>WORLD TOTAL</b>	<b>63.7</b>	<b>76.4</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>107.9</b>	<b>98.4</b>	<b>91.0</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Ten member countries 1976-77 forward.

Source: U.S.D.A. Foreign Agriculture Circular, December 14, 1983. FG-34-83 Page 19.

\* July-June trade year through 1978-79 from 1979-80 the trade year is October/September.



TABLE XXII

## EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL

EXPORTERS DISTRIBUTION BY QUANTITY AND PERCENTAGE

TOTAL — JULY-JUNE CROP YEARS<sup>1</sup> 1963-64 to 1982-83

Crop Year	Argentina	Australia	Canada	United States	EEC	Others	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1963-64	2 777 (4.9%)	7 813 (13.8%)	16 101 (28.4%)	23 106 (40.7%)	3 816 ( 6.7%)	3 097 ( 5.5%)	56 710 (100.0%)
1964-65	4 443 (9.0%)	6 469 (13.1%)	10 839 (22.0%)	19 596 (39.7%)	5 444 (11.1%)	2 519 ( 5.1%)	49 310 (100.0%)
1965-66	7 948 (12.6%)	5 681 ( 9.0%)	15 897 (25.2%)	23 405 (37.2%)	5 465 ( 8.7%)	4 621 ( 7.3%)	63 017 (100.0%)
1966-67	3 059 ( 5.6%)	6 984 (12.7%)	14 005 (25.4%)	20 194 (36.6%)	4 177 ( 7.6%)	6 671 (12.1%)	55 090 (100.0%)
1967-68	1 370 ( 2.6%)	7 011 (13.6%)	9 127 (17.7%)	20 494 (39.7%)	4 350 ( 8.4%)	9 305 (18.0%)	51 657 (100.0%)
1968-69	2 785 ( 6.1%)	5 369 (11.8%)	8 305 (18.2%)	15 023 (32.9%)	5 020 (11.0%)	9 097 (20.0%)	45 599 (100.0%)
1969-70	2 108 ( 4.1%)	7 250 (14.1%)	9 380 (18.3%)	16 792 (32.7%)	7 167 (13.9%)	8 695 (16.9%)	51 392 (100.0%)
1970-71	1 704 ( 3.1%)	9 492 (17.3%)	11 819 (21.5%)	20 140 (36.7%)	3 105 ( 5.7%)	8 591 (15.7%)	54 851 (100.0%)
1971-72	1 328 ( 2.5%)	8 736 (16.6%)	13 684 (26.1%)	16 901 (32.2%)	4 656 ( 8.9%)	7 191 (13.7%)	52 496 (100.0%)
1972-73	3 510 ( 5.2%)	5 562 ( 8.2%)	15 681 (23.0%)	31 734 (46.6%)	6 525 ( 9.6%)	5 041 ( 7.4%)	68 053 (100.0%)
1973-74	1 106 ( 1.8%)	5 509 ( 8.7%)	11 436 (18.1%)	31 273 (49.7%)	5 467 ( 8.7%)	8 184 (13.0%)	62 975 (100.0%)
1974-75	2 178 ( 3.5%)	8 049 (12.8%)	10 776 (17.1%)	28 304 (45.0%)	7 122 (11.3%)	6 516 (10.3%)	62 945 (100.0%)
1975-76	3 111 ( 4.6%)	8 072 (12.1%)	12 334 (18.4%)	31 669 (47.4%)	7 729 (11.6%)	3 953 ( 5.9%)	66 868 (100.0%)
1976-77	5 584 ( 9.0%)	8 357 (13.5%)	13 434 (21.6%)	26 080 (42.1%)	3 912 ( 6.3%)	4 643 ( 7.5%)	62 010 (100.0%)
1977-78	2 670 ( 3.7%)	11 144 (15.3%)	16 030 (22.1%)	31 538 (43.5%)	4 479 ( 6.2%)	6 677 ( 9.2%)	72 538 (100.0%)
1978-79	3 307 ( 4.6%)	7 246 (10.2%)	13 081 (18.4%)	32 311 (45.4%)	7 349 (10.3%)	7 906 (11.1%)	71 200 (100.0%)
1979-80	4 748 ( 5.4%)	15 364 (17.6%)	15 886 (18.1%)	37 198 (42.5%)	10 271 (11.7%)	4 063 ( 4.7%)	87 530 (100.0%)
1980-81	3 932 ( 4.2%)	11 088 (11.9%)	16 260 (17.5%)	41 936 (45.0%)	12 684 (13.6%)	7 256 ( 7.8%)	93 156 (100.0%)
1981-82	4 281 ( 4.0%)	11 405 (10.7%)	18 445 (17.4%)	49 077 (46.2%)	13 990 (13.2%)	9 023 ( 8.5%)	106 221 (100.0%)
1982-83 <sup>2</sup>	7 471 (7.2%)	8 530 (8.3%)	21 367 (20.8%)	45 000 (43.8%)	14 084 (13.7%)	6 351 (6.2%)	102 803 (100.0%)

<sup>1</sup> Canada August-July.<sup>2</sup> Subject to revision.Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include bagged seed exports  
USDA "Wheat Situation" 1962-63 to 1974-75, "Foreign Agriculture Circular" 1975-76 to 1982-83.

All Others — IWC "World Wheat Statistics" 1983 and "Review of World Wheat Situation" 1982-83.

TABLE XXIII

# IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES JULY-JUNE CROP YEARS 1963-64 to 1982-83

Crop Year	Algeria 000 tonnes	Arab Republic of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes
1963-64	104	1 909	—	1 910	5 198
1964-65	356	1 917	—	2 292	5 406
1965-66	430	1 929	—	2 321	6 325
1966-67	790	2 498	—	2 637	5 124
1967-68	664	2 782	—	2 485	4 156
1968-69	700	1 945	N/A	2 425	20
1969-70	259	2 220	N/A	2 081	5 040
1970-71	646	2 835	N/A	1 855	3 660
1971-72	885	2 591	690	1 475	2 967
1972-73	645	3 040	2 176	2 950	5 289
1973-74	1 600	3 180	1 750	2 440	5 831
1974-75	1 762	3 489	2 057	1 663	5 675
1975-76	1 593	3 588	1 050	3 755	2 287
1976-77	1 338	3 956	765	3 504	3 156
1977-78	1 638	4 537	1 341	3 104	8 556
1978-79	1 082	5 541	1 221	3 738	8 058
1979-80	1 986	5 156	2 171	4 717	8 680
1980-81	1 843	6 750	659	3 855	13 775
1981-82	2 294	6 012	1 165	4 589	13 223
1982-83 <sup>1</sup>	2 017	6 215	1 538	3 862	12 795
Crop Year	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes
1963-64	3 919	795	1 966	758	4 605
1964-65	4 362	710	1 433	528	4 190
1965-66	3 553	740	1 636	600	4 664
1966-67	4 260	611	1 755	654	4 176
1967-68	4 028	942	1 332	758	4 077
1968-69	4 183	1 279	1 154	4 183	4 576
1969-70	4 425	1 618	1 195	1 673	4 781
1970-71	4 834	1 310	1 972	1 752	5 359
1971-72	4 965	1 482	1 553	1 784	3 829
1972-73	5 486	2 049	1 000	1 736	4 535
1973-74	5 353	1 526	1 758	1 627	3 114
1974-75	5 404	1 684	1 234	1 703	2 935
1975-76	5 923	2 152	2 061	1 493	4 264
1976-77	5 522	1 401	2 885	1 832	3 422
1977-78	5 764	1 499	2 681	1 653	3 841
1978-79	5 584	1 218	2 332	1 702	1 491
1979-80	5 571	1 001	3 827	1 813	1 695
1980-81	5 930	1 055	3 877	2 072	1 380
1981-82	5 637	1 025	3 817	1 907	1 544
1982-83 <sup>1</sup>	5 609	670	2 843	1 801	1 168

<sup>1</sup> Subject to revision.

Source: IWC "World Wheat Statistics" 1983 and "Review of the World Wheat Situation" 1982-83.



TABLE XXIV

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WHEAT (POOL ACCOUNT)  
 BASIS IN STORE THUNDER BAY OR VANCOUVER  
 POOL ACCOUNT YEARS 1960-61 to 1983-84

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1960-61	51.44	—	3.67	10.84	65.95
1961-62	51.44	3.67	—	15.07	70.18
1962-63	55.12	—	—	13.74	68.86
1963-64	55.12	—	—	17.42	72.54
1964-65	55.12	—	—	14.22	69.34
1965-66	55.12	—	—	18.26	73.38
1966-67	55.12	—	—	17.89	73.01
1967-68	62.46	—	—	4.19	66.65
1968-69	62.46	—	—	—	62.46
1969-70	55.12	—	2.68 <sup>3</sup>	3.93 <sup>4</sup>	61.73
1970-71	55.12	—	—	6.28	61.40
1971-72	53.65	—	—	4.99	58.64
1972-73	53.65	11.02	—	14.47	79.14
1973-74	82.67	55.12	—	30.42	168.21
1974-75	82.67	55.12	—	26.60	164.39
1975-76	82.67	55.12	—	8.49	146.28
1976-77	110.23	—	—	6.92	117.15
1977-78	110.23	—	—	10.07	120.30
1978-79	110.23	18.37	—	31.93	160.53
1979-80	128.60	27.56	—	40.27	196.43
1980-81 <sup>5</sup>	156.16	40.34	—	25.62	222.12
1981-82	174.50	—	—	25.12	199.62
1982-83	174.50	—	—	17.84	192.34
1983-84	170.00				

<sup>1</sup> Base grade prior to 1971-72 was No. 1 Northern Wheat.  
<sup>2</sup> Final payment and final realized price after deduction of Board Operation costs, but prior to deduction of P.F.A.A. Levy for years 1960-61 through 1969-70.  
<sup>3</sup> Payment from Pool Account prior to payment from Temporary Wheat Reserves Act.  
<sup>4</sup> Payment from Temporary Wheat Reserves Act.  
<sup>5</sup> Crop years 1980-81 forward does not quote 1 CWRS 13% protein payment.



TABLE XXV

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN AMBER DURUM  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1978-79 to 1983-84**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Total Realized Price <sup>1</sup> \$ per tonne
1978-79	110.23	18.37	—	20.33	148.93
1979-80	128.60	36.75	—	39.50	204.85
1980-81	183.72	55.28	—	0.58	239.58
1981-82	174.50	—	—	25.84	200.34
1982-83	174.50	—	—	12.95	187.45
1983-84	165.00	15.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

TABLE XXVI

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED OATS  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1970-71 to 1983-84**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1970-71	35.66	—	5.79	41.45
1971-72	35.66	—	5.40	41.06
1972-73	35.66	6.48	26.46	68.60
1973-74	68.08	—	43.41	111.49
1974-75	68.08	6.48	32.76	107.32
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	—	9.58	84.15
1977-78	74.57	—	—	74.57
1978-79	74.00	—	11.41	85.41
1979-80	68.08	—	—	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00	—	—	110.00
1982-83	90.00	—	9.53	99.53
1983-84	75.00	25.00		

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



TABLE XXVII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADIAN WESTERN DUMMIE (POOL)  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEAR 1981-82 to 1983-84

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1981-82	140.00	—	30.39	170.39
1982-83	140.00	—	10.30	150.30
1983-84	119.00	15.00		

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

TABLE XXVIII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 2 CANADIAN  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1970-71 to 1983-84

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1970-71	37.20	4.59	—	41.79
1971-72	37.20	—	—	37.20
1972-73	39.50	4.13	23.63	67.26
1973-74	64.30	34.45	20.31	119.06
1974-75	71.19	27.56	8.30	107.05
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	—	11.12	91.50
1977-78	80.38	—	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	—	8.84	132.84
1982-83	110.00	—	—	110.00
1983-84	95.00	15.00		

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.





TABLE XXIX

**DESIGNATED BARLEY SCHEDULE OF PAYMENT FOR NO. 2 CANADA WESTERN 6-ROW<sup>1</sup>  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1975-76 TO 1983-84**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1975-76	75.78	13.78	71.42	160.98
1976-77	105.64	—	42.95	148.59
1977-78	98.75	—	8.43	107.18
1978-79	98.75	—	20.76	119.51
1979-80	98.75	34.45	34.54	167.74
1980-81	133.20	34.80	39.30	207.30
1981-82	158.00	—	28.02	186.02
1982-83	158.00	—	5.38	163.38
1983-84	140.00	—		

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



TABLE XXX

EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES  
JULY-JUNE CROP YEARS 1972-73 to 1982-83

Crop Years	CANADA <sup>1</sup>			UNITED STATES	
	Thunder Bay 1 CWRS 13.5% Cdn. \$ per tonne	Pacific Coast 1 CWRS 13.5% Cdn. \$ per tonne	1 CWRS 13.5% U.S. \$ per tonne	Pacific Coast D.N.S. 14% U.S. \$ per tonne	Gulf Coast H.W.O. U.S. \$ per tonne
1972-73	92.00	99.00	100.00	93.00	91.00
1973-74	199.00	204.00	207.00	190.00	177.00
1974-75	197.00	205.00	206.00	199.00	164.00
1975-76	176.00	193.00	192.00	185.00	152.00
1976-77	131.00	143.00	142.00	136.00	113.00
1977-78	137.00	151.00	137.00	129.00	116.00
1978-79	174.00	191.00	164.00	151.00	141.00
1979-80	219.00	236.00	202.00	186.00	174.00
1980-81	248.00	272.00	230.00	210.00	182.00
1981-82	221.00	244.00	201.00	184.00	171.00
1982-83					
July	214.00	242.00	190.00	177.00	155.00
August	206.00	237.00	190.00	171.00	155.00
September	205.00	236.00	191.00	172.00	158.00
October	199.00	231.00	188.00	169.00	151.00
November	207.00	231.00	188.00	171.00	157.00
December	214.00	232.00	188.00	170.00	164.00
January	210.00	227.00	185.00	168.00	166.00
February	209.00	228.00	189.00	169.00	166.00
March	213.00	233.00	189.00	172.00	167.00
April	214.00	242.00	196.00	180.00	168.00
May	215.00	241.00	197.00	181.00	157.00
June	209.00	237.00	193.00	183.00	151.00
Crop Years	AUSTRALIA A.S.W.	ARGENTINA Trigo Pan	EEC Standard Wheat Specified Zones		
	U.S. \$ per tonne	U.S. \$ per tonne	U.S. \$ per tonne		
1972-73	91.00	86.00	106.00		
1973-74	195.00	<sup>2</sup>	185.00		
1974-75	167.00	163.00	168.00		
1975-76	147.00	144.00	139.00		
1976-77	113.00	107.00	—		
1977-78	119.00	116.00	97.00		
1978-79	142.00	132.00	133.00		
1979-80	169.00	192.00	171.00		
1980-81	181.00	204.00	170.00		
1981-82	165.00	179.00	150.00		
1982-83					
July	154.00	163.00	132.00		
August	154.00	165.00	126.00		
September	163.00	163.00	121.00		
October	159.00	153.00	121.00		
November	164.00	150.00	134.00		
December	168.00	150.00	133.00		
January	167.00	149.00	133.00		
February	168.00	147.00	133.00		
March	168.00	146.00	129.00		
April	170.00	137.00	141.00		
May	163.00	129.00	143.00		
June	163.00	128.00	135.00		

<sup>1</sup> Canadian Wheat Board official "in store" prices converted to F.O.B. at current FOBing rates — Australian Wheat Board selling price (F.O.B.) Australian Standard Wheat.

<sup>2</sup> Due to limited trading in this wheat in the 1973-74 crop year, no representative annual average price is available.

Source: IWC World Wheat Statistics and Canadian Wheat Board for 1982-83 Canadian prices.



TABLE XXXI

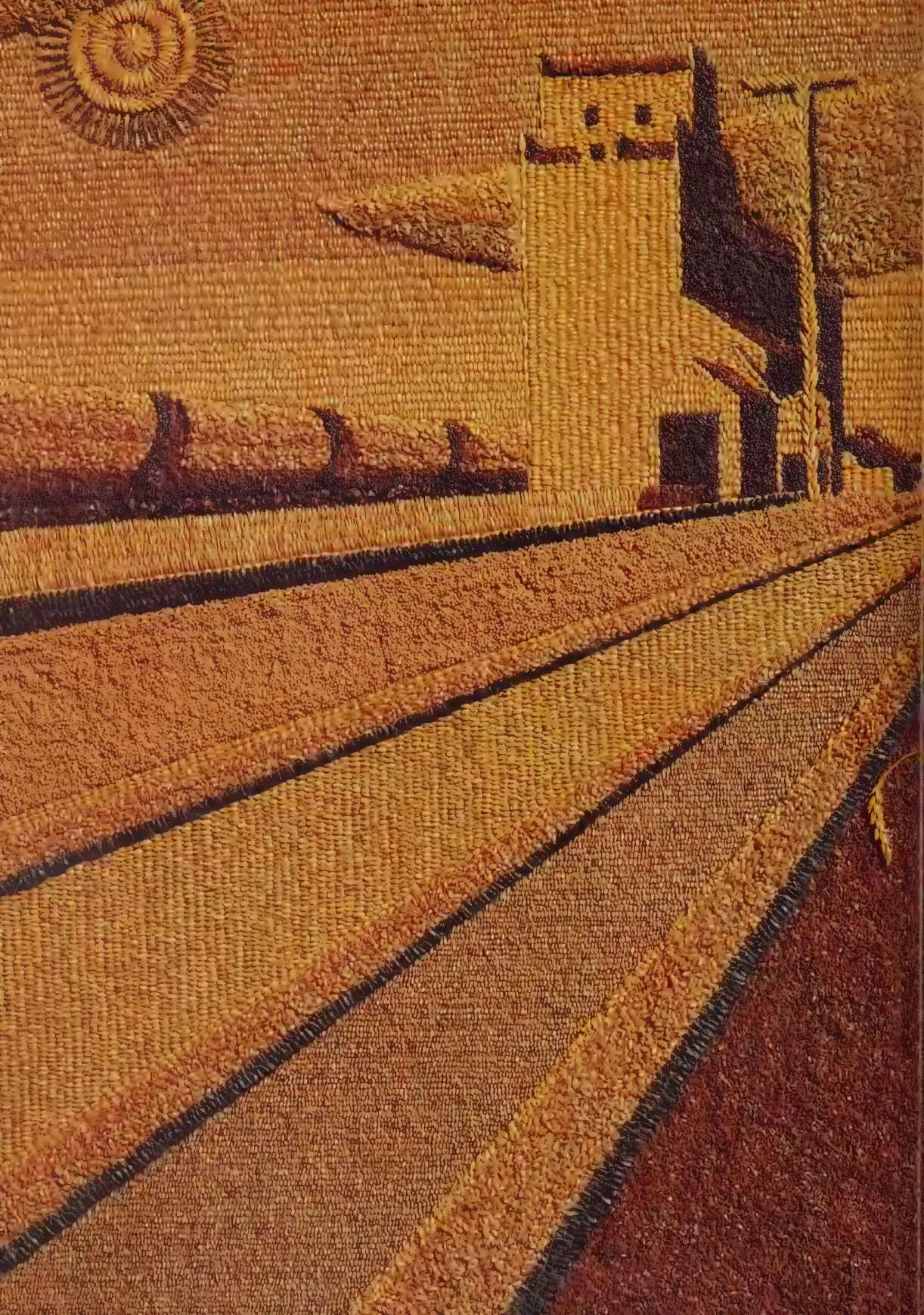
SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMITS ISSUED TO PRODUCERS

CROP YEARS 1957-58 TO 1982-83

Crop Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
1957-58	42,414	108,902	75,000	226,316
1958-59	43,242	107,128	79,474	229,844
1959-60	41,960	105,621	77,713	225,294
1960-61	42,124	104,384	77,917	224,425
1961-62	41,888	103,795	77,991	223,674
1962-63	41,352	102,420	77,366	221,138
1963-64	39,471	100,202	75,206	214,879
1964-65	39,027	98,028	73,888	210,943
1965-66	38,013	95,541	71,632	205,186
1966-67	36,258	92,302	69,494	198,054
1967-68	35,107	89,761	67,189	192,057
1968-69	35,332	88,304	66,970	190,606
1969-70	35,203	88,378	66,423	190,004
1970-71	33,602	85,453	63,654	182,709
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017
1982-83	25,741	71,404	48,588	145,733









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# The Canadian Wheat Board ANNUAL REPORT 1983/84







# **THE CANADIAN WHEAT BOARD**

**ANNUAL REPORT  
1983-84**





1935-1985

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## MEMBERS OF THE BOARD

W. E. Jarvis .....	Chief Commissioner
R. L. Kristjanson .....	Assistant Chief Commissioner
F. M. Hetland .....	Commissioner
J. L. Leibfried .....	Commissioner
W. H. Smith .....	Commissioner

## Executive Officers

D. Olfert .....	Treasurer
H. F. Bjarnason .....	Executive Director — Planning
G. P. Machej .....	Executive Director — Marketing
J. W. Snell .....	Corporate Secretary

## Canadian Offices

Winnipeg, Manitoba .....	Head Office
Vancouver, British Columbia .....	G. N. Hedalen, Manager
Montreal, Quebec .....	G. M. Champagne, Manager

## Overseas Offices

London, England .....	P.W. Westdal, Manager
Tokyo, Japan .....	T. Ono, Manager



Honourable Charles Mayer      Winnipeg, Manitoba  
Minister of State for the      March 31, 1985.  
Canadian Wheat Board  
Ottawa, Ontario

Sir:

We are pleased to submit the Annual Report of the Canadian Wheat Board for the crop year ending July 31, 1984, as required by the Canadian Wheat Board Act.

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# PART I THE INTERNATIONAL GRAIN MARKET



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## INTRODUCTION

For Western Canadian grain producers, who are so strongly linked to the international grain market for a major portion of their income, the 1983-84 crop year provided yet another lesson in the volatile nature of their business. On the one hand, Prairie farmers were able to take great pride in record exports of their product. A total 30.7 million tonnes of Western Canadian grain went to world markets in 1983-84, representing an increase of 50 per cent in just five years. However, the success of those record exports was tempered by disappointing grain prices, and highly competitive world grain trade.

The competitive nature of world grain markets was evident very early in the crop year. World grain production, at 1.6 billion tonnes, came very close to the record of the year before. Wheat production rose three per cent to a record 496 million tonnes, the fourth successive rise in world wheat output. Production of coarse grains decreased from the high level of previous years. Total production was down 12 per cent to 692 million tonnes, a decrease of about 90 million tonnes from the record set in 1982.

Overall, world trade in grains showed only a modest recovery. Trade in wheat recovered to approach the record set in 1981-82, while trade in coarse grains was up only marginally from the disappointing level of the year before. As a result, world carryover of wheat was up substantially to 116 million tonnes, an increase of 16 million tonnes. Decreased production of coarse grains contributed to a reduction by half of world carryover of these grains. At 81 million tonnes, 1983-84 carryover stocks of coarse grains were at their lowest level in three years.

Throughout the year, grain prices remained disappointing. Large wheat supplies, particularly in the United States, dampened the outlook and fueled a downward trend that was broken only from time to time by prospects in other commodities. The widely-publicized Payment-in-Kind program, which paid American producers grain from government stocks in return for a reduction in acreage, had very little impact on that country's wheat production. It soon became evident that American red winter wheat producers, who produce the bulk of U.S. production, would not be participating in a large way. The program did have an impact on U.S. corn and soybean production. But severe drought in the U.S. corn belt

during a critical stage of corn and soybean development made an even greater contribution to the reduction. As a result, U.S. corn production was cut almost in half to 4.2 billion bushels. Coarse grain prices rose as a result, bringing some strength to wheat, which realized an increase in demand for livestock feeding.

The 1983-84 crop year will probably best be remembered for events that brought great change to the world grain marketplace. The effects of these events were being felt even as the new crop year began, prompting Western Canadian producers to once again look outside their own country to the activities of other players in the world grain trade.

Attempts by the U.S. administration to reduce the huge U.S. deficit have lent support to proposals for cost-cutting in the new 1985 U.S. Farm Bill. As this report is being written, government proposals on the 1985 Bill are under intense debate. At the centre of the controversy is the move toward lower export prices, based on the premise that sales of U.S. farm products, and U.S. market share, will then be increased substantially. However, Canada and other competing countries will have no choice but to follow suit, leaving prices lower and market shares unchanged.

The availability of credit was a major factor throughout the 1983-84 crop year, and will likely continue to have an impact on world grain trade. For Western Canadian farmers, who do not have the vast financial resources of some other grain exporting nations, the issue is a difficult one. Calls for heavier use of export subsidies, such as the blended credit program in the United States, are already being heard as the U.S. Farm Bill debate gathers momentum. To what extent these suggestions may be adopted may well depend on each exporting nation's ability to associate export subsidies with lower grain prices or, all, and the detrimental effect this could have on all grain-producing nations.

However, the experience of past years, and particularly the experience of 1983-84 as described in this report, emphasizes that weather still has a major role to play in grain prices, and farm incomes. Serious crop problems have arisen from time to time, and will appear again. The grain market has a long history of volatility, and there is no reason to believe that it will not repeat itself, sooner or later.



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**WHEAT**  
production  
World wheat production in 1983 was a record 496 million tonnes, the fourth successive record crop. As

**TABLE 1**  
**WORLD WHEAT PRODUCTION**

	1982 (Thousands of Tonnes)	1983 <sup>2</sup> (Thousands of Tonnes)
<b>EUROPE</b>	103 111	103 279
E.E.C. <sup>1</sup>	59 908	59 220
Others	43 203	44 059
<b>U.S.S.R.</b>	85 000	80 000
<b>NORTH AND CENTRAL AMERICA</b>	100 150	95 800
U.S.A.	75 251	65 856
Canada	26 737	26 588
Others	4 470	3 455
<b>SOUTH AMERICA</b>	17 816	15 958
Brazil	1 800	2 200
Argentina	15 000	12 300
Others	1 016	1 458
<b>ASIA</b>	122 934	118 844
China	68 420	81 390
India	37 452	42 502
Others	17 062	18 532
<b>MIDDLE EAST</b>	27 036	26 413
Iran	6 500	6 500
Iraq	1 000	1 000
Turkey	17 500	16 400
Others	2 036	2 513
<b>AFRICA</b>	4 000	3 500
Algeria	1 000	1 000
Egypt	2 017	1 996
Morocco	2 183	1 970
South Africa	2 420	1 811
Others	2 198	1 824
<b>OCEANIA</b>	9 203	22 354
Australia	8 876	22 060
Others	327	294
<b>Others Unspecified</b>	824	872
<b>WORLD TOTAL</b>	482 200	495 800

<sup>1</sup> 12 member states  
<sup>2</sup> Preliminary - subject to revision

Source: For Canada - Statistics Canada  
United States - Crop production U.S.D.A. Nov. 1984  
For all other countries: I.W.C. World Wheat Statistics & review of the world wheat situation.

shown in Table 1, total production was 14 million tonnes greater than the record of the year before, representing a three per cent increase.

Several large grain-producing regions had marginal weather. In the United States and the European Community (EC), cold and wet conditions delayed winter wheat seeding. The Payment-in-Kind program in the United States resulted in a 25 per cent drop in harvested wheat acreage, but a large carryover from earlier years kept total U.S. wheat supplies high and their market prices relatively low. Portugal suffered through a major drought, as did Morocco, Tunisia, and South Africa. Dryness in the Soviet Union delayed sowings of winter wheat. However, good weather conditions in some other countries helped boost the total world wheat output. Wheat production in Australia more than doubled from the drought-reduced harvest of the year before. However, abundant rains which allowed the unprecedented record of 22 million tonnes continued during harvest, and about one-quarter of it was downgraded to feed quality. Conditions in Argentina were mostly favorable. China produced its third largest crop in a row and, with 81.4 million tonnes, was the world's largest wheat-producing nation in 1983-84. Wheat production in India, and several other countries in southeast Asia, was also higher. Crops in Algeria and Egypt were on par with production the year before. Western Canada's wheat crop was close to the 1982 record.

### Trade

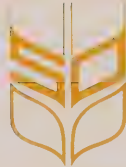
World wheat trade in 1983-84 totaled 100.7 million tonnes. It represented a four per cent increase over

**TABLE 2**  
**EXPORTS OF WHEAT AND WHEAT FEEDS**  
**By Principal Exporter — July-June Crop Year**

	1982-83 (Thousands of Tonnes)	1983-84 (Thousands of Tonnes)
Argentina	7 471	9 643
Australia	8 530	11 529
Canada	21 367	21 764
United States	39 939	38 860
E.E.C. <sup>2</sup>	14 084	14 600
Others	5 624	4 260
<b>WORLD TOTAL</b>	97 015	100 656

<sup>1</sup> Preliminary subject to revision  
<sup>2</sup> 10 member countries

Source: Statistics Canada and Canadian Grain Commission  
(Aug-July) crop year  
U.S.D.A. Foreign Agriculture Circular December 1984  
All others I.W.C. Review of the world wheat situation



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the level of the year before, and matched the record set in 1981-82. Table 2 shows exports of wheat and wheat flour by each major exporter in 1983-84.

There was continued strong wheat demand by the Soviet Union, which imported a record 20.5 million tonnes, slightly more than the previous year. On the other hand, China's wheat imports fell by over four million tonnes. Its reduction was offset by increases in demand by other countries. Iran's wheat imports almost doubled to 3.8 million tonnes, while Iraq's rose

by over 50 per cent to 2.9 million tonnes. Egypt increased purchases by almost a million tonnes, and Brazil by 400 000 tonnes. There were larger imports by several countries in Africa, notably Morocco, Tunisia, and South Africa, which purchased wheat primarily for feed.

Wheat exports from the United States decreased for the second consecutive year to 38.9 million tonnes, a three per cent decrease from the year before. Of the major exporters, Australia realized the greatest change, with wheat exports of 11.5 million tonnes, up significantly from the previous year. Wheat exports from Canada, at 21.8 million tonnes, were about par with the record level of 1982-83. The EC undertook to limit its wheat exports and was just slightly higher than the year before at 14.6 million tonnes. Exports from Argentina were up quite substantially at 9.6 million tonnes compared with 7.5 million tonnes in 1982-83.

### Carryover Stocks

Large world wheat beginning stocks and record world production in 1983-84 contributed to a significant rise in stocks at the end of the crop year. As shown in Table 3, world carryover stocks of wheat totaled 116 million tonnes, a 16 per cent increase over the level of the previous year.

The greatest increase in wheat carryover was in the United States, where stocks rose 30 per cent to 41.2 million tonnes. Wheat carryover in Western Europe was also up substantially at 14.5 million tonnes, an increase of 20 per cent. Argentina's wheat carryover almost tripled to 1.3 million tonnes. Wheat carryover in Canada remained virtually the same, while stocks actually decreased in Australia.

Carryover stocks in most importing countries did not change dramatically at the end of the 1983-84 crop year. The exception was the Soviet Union, where ending stocks are estimated at 6.6 million tonnes compared with 4.3 million tonnes the year before, and China which increased its carryover to over 12 million tonnes.

### Price

Wheat prices showed little fluctuation in 1983-84. Graph 1 charts f.o.b. prices for major Canadian wheats, as well as U.S. wheats.

Export wheat prices generally reflected the relatively small change in the world supply-demand

**TABLE 3**  
**WORLD WHEAT CARRYOVER STOCKS**

	1982 (Thousands of Tonnes)	1983 <sup>1</sup>
<b>EUROPE</b>	21 696	26 949
E.E.C.	7 317	10 759
OTHERS	14 379	16 190
<b>NORTH &amp; CENTRAL AMERICA</b>	42 756	52 135
U.S.A.	31 679	41 232
Canada	9 758	10 048
Others	1 319	855
<b>SOUTH AMERICA</b>	1 300	2 201
Brazil	195	195
Argentina	500	1 300
Others	605	706
<b>ASIA</b>	21 285	24 861
China	11 000	12 400
India	4 840	6 900
Others	5 445	5 561
<b>MIDDLE EAST</b>	4 413	4 485
Iran	1 352	1 330
Iraq	1 187	1 290
Turkey	256	708
Others	1 618	1 157
<b>AFRICA</b>	3 127	2 981
Algeria	419	330
Egypt	741	699
Morocco	485	223
South Africa	787	1 064
Others	695	665
<b>OCEANIA</b>	4 939	2 314
Australia	4 932	2 312
Others	7	2
<b>WORLD TOTAL</b>	99 516	115 926

<sup>1</sup> Preliminary: Subject to revision

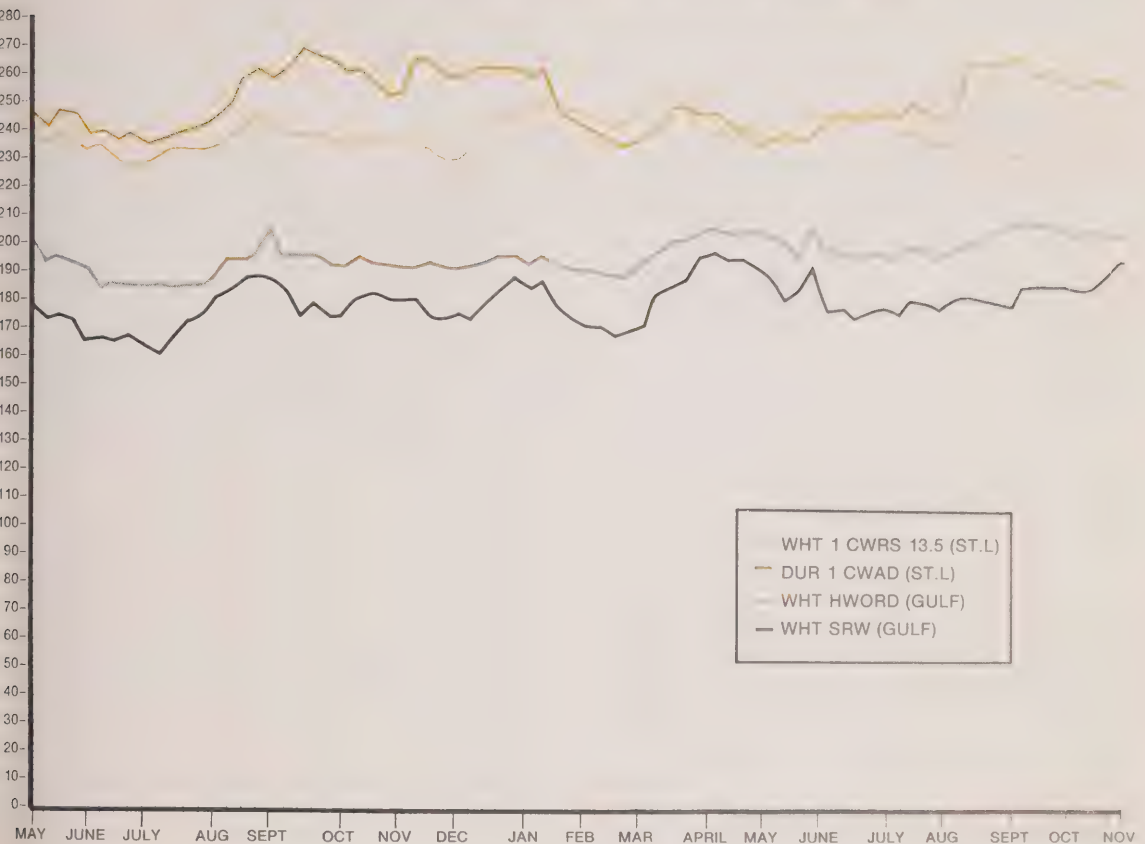
Source: I.W.C. World Wheat Statistics 1984 & World Wheat Situation  
For Canada Statistics Canada





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### GRAPH I WEEKLY F.O.B. COMPARATIVE PRICE ANALYSIS



balance from the previous year. Supplies were ample. This became evident early in the crop year, and put downward pressure on prices. In the fall of 1983 it became apparent that drought had severely cut corn and soybean production in the U.S., and the resulting upward movement in these markets aided declining wheat prices for a time.

From January to March, 1984, world wheat prices declined due to seasonal competition from Argentina. That country's wheat is relatively low in quality, and priced to move into export as quickly as possible. Heavy foreign debt prevented Argentina from offering credit to buyers, so it further discounted its prices to offset this. Australian competition was similar as it pushed hard to regain markets for the record 1983 crop after the disastrous drought of the previous year.

#### DURUM

##### Production

In contrast with other types of wheat, durum production fell sharply in 1983. This was mainly due to a 44 per cent acreage reduction in the U.S., and drought-reduced yields in both Canada and the U.S. There were also reductions in importing areas, particularly around the Mediterranean Sea. In total, 1983 world durum production fell 15 per cent to 21.6 million tonnes (see Table 4 on page eight).

The Payment-in-Kind program financed by the U.S. government was the reason for decreased durum acreage in that country. Dry weather also reduced yield, lowering the total U.S. crop to two million tonnes, one-half of the previous year's output. Argentina





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durum producers increased plantings for the first time in many years, a reflection of higher government support prices.

### Trade

As shown in Table 5, trade in durum wheat in 1983-84 totaled 4.1 million tonnes, a decrease of about 11 per cent from the previous year. Almost all of the decline was due to substantially smaller purchases by the Soviet Union, which decreased by over one million tonnes to just 400 000 tonnes. In all other importing areas, purchases remained at virtually the same level as the year before. Canada and the United States were responsible for 95 per cent of world durum exports in 1983-84.

### Carryover Stocks

Carryover stocks of durum wheat in the three major exporting countries of Canada, the United States, and

the European Community decreased 25 per cent to just over 4.2 million tonnes. Much of the decline was in the United States, where the effect of the government's Payment-in-Kind program and dry weather during the growing season reduced production by half. Total carryover stocks in Canada were also reduced, mainly because of a smaller crop.

### Price

Graph 1 on page 7 shows the f.o.b. price of No. 1 Canada Western Amber Durum wheat throughout the 1983-84 crop year. Durum prices early in the year were supported by the prospect of reduced acreage in the United States and Canada. But the recognition of large beginning world supplies and expectations of increased production in the European Community limited upward price movement. Even as drought threatened to reduce yields in major importing regions around the Mediterranean Sea, prices remained relatively flat.

**TABLE 4**  
**WORLD DURUM PRODUCTION**

	1982 (Thousands of Tonnes)	1983 <sup>1</sup> (Thousands of Tonnes)
<b>WESTERN EUROPE</b>	4 380	4 110
Austria	40	48
E.E.C. <sup>2</sup>	4 052	3 861
France	372	399
Greece	747	561
Italy	2 933	2 901
Spain	273	186
<b>NORTH AMERICA</b>	7 135	4 634
Canada	3 121	2 648
U.S.A.	4 014	1 986
<b>SOUTH AMERICA</b>	172	230
Argentina	172	230
<b>MIDDLE EAST</b>	8 200	7 700
Syria	1 544	1 612
Turkey	6 125	5 500
<b>NORTH AFRICA</b>	2 930	2 480
Algeria	650	650
Morocco	1 406	1 238
Tunisia	800	500
<b>OTHERS<sup>3</sup></b>	2 500	2 500
<b>WORLD TOTAL</b>	25 300	21 600

<sup>1</sup> Preliminary subject to revision

<sup>2</sup> Includes: France Greece and Italy

<sup>3</sup> Including estimates for the U.S.S.R. & other centrally planned countries

Source: I.W.C. World Wheat Statistics

### COARSE GRAINS

#### Production

World production of coarse grains in 1983-84 dropped dramatically to 691.6 million tonnes, the smallest world crop since 1975. Smaller crops in Canada, the EC and the U.S., where coarse grain output was cut in half by a government acreage reduction program and severe drought, were mainly responsible for the decline. Coarse grain production by region is shown in Table 6.

**TABLE 5**  
**EXPORTS OF DURUM BY PRINCIPAL EXPORTER<sup>1</sup>**

	1982-83 (Thousands of Tonnes)	1983-84 (Thousands of Tonnes)
Canada <sup>2</sup>	2 687	2 54
E.E.C. <sup>3</sup>	254	10
U.S.A. <sup>4</sup>	1 605	1 68
Others <sup>3</sup>	73	10
<b>WORLD TOTAL<sup>3</sup></b>	4 619	4 10

<sup>1</sup> Preliminary - Subject to revision

<sup>2</sup> August-July crop year

<sup>3</sup> July-June crop year

<sup>4</sup> June-May crop year

Source: Canada - Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports"

U.S.A. - U.S.D.A. Wheat Outlook & Situation Report Nov. 1984

E.E.C. & Others - I.W.C. World Wheat Situation 1983-84



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**TABLE 6**  
**WORLD PRODUCTION OF COARSE GRAINS**

	1982 (Millions of Tonnes)	1983 <sup>2</sup>
<b>WESTERN EUROPE</b>	94.0	86.5
E.E.C. <sup>1</sup>	71.7	64.1
Denmark	6.8	4.9
France	23.3	21.0
Germany Fed. Rep. of	16.0	14.0
Italy	8.4	8.6
United Kingdom	11.6	10.6
Others E.E.C.	5.6	5.0
Spain	8.4	9.2
Sweden	4.4	3.7
Others	9.5	9.5
<b>EASTERN EUROPE</b>	71.8	67.5
Hungary	9.0	8.9
Poland	16.7	16.9
Romania	15.8	14.0
Yugoslavia	12.1	11.5
Others	18.2	16.2
<b>U.S.S.R.</b>	85.0	105.0
<b>NORTH AND CENTRAL AMERICA</b>	292.9	177.2
Canada	26.7	21.0
Mexico	13.0	17.0
U.S.A.	250.7	136.7
Others	2.5	2.5
<b>SOUTH AMERICA</b>	43.7	45.2
Argentina	18.1	18.7
Brazil	20.0	21.5
Others	5.6	5.0
<b>ASIA</b>	144.5	157.9
China	85.0	92.0
India	27.9	33.0
Indonesia	3.2	5.0
Thailand	3.7	4.3
Turkey	8.7	7.6
Others	16.0	16.0
<b>AFRICA</b>	45.4	41.3
Egypt Arab Rep. of	4.1	4.0
Nigeria	9.0	7.0
South Africa	4.3	5.3
Others	28.0	25.0
<b>OCEANIA</b>	4.3	10.0
Australia	3.7	9.5
Others	.6	.5
Others Unspecified	—	1.0
<b>WORLD TOTAL</b>	781.6	691.6

<sup>1</sup> 10 member states - including Denmark, France, Germany Fed. Rep. of, Italy and United Kingdom

<sup>2</sup> Preliminary - subject to revision

Source: For Canada - Statistics Canada

United States: - U.S.D.A. Foreign Agriculture Circular Dec. 84

For all other countries I.W.C. Review of the World Wheat Situation

The most profound effect on total coarse grain production came from the United States. Large carry-overs of old crop corn, along with government incentives, prompted U.S. farmers to participate heavily in acreage reduction programs. Corn plantings were reduced by about 22 million acres or 27 per cent. Then followed one of the most serious droughts ever in the U.S. corn belt. The 1983 corn harvest amounted to only 105.8 million tonnes (4.2 billion bushels), about half that of the previous year. Production of U.S. sorghum and barley was also down. In total, U.S. coarse grain production fell by 114 million tonnes.

Production of coarse grains, notably barley in the EC and Canada, was also down. A cold, wet spring and then hot, dry weather in the summer combined to reduce output in the EC by 11 per cent, while production in Canada was reduced because of dry weather in the summer.

Australia greatly increased its plantings of coarse grains following a drought year, and production rose to 9.5 million tonnes. The Soviet Union, too, was estimated to have vastly increased its production of coarse grains. Total output was estimated at 105 million tonnes, up from 85 million tonnes estimated the year before. Increased corn production in China contributed to the third successive rise in coarse grain production in that country. Larger crops were also produced in Indonesia, Thailand, Mexico, and India.

### Trade

World coarse grain trade recovered only modestly in 1983-84 from the low level of the year before. Total trade rose to 89.5 million tonnes, up two million tonnes from 1982-83. Exports of coarse grains by principal exporters is shown in Table 7.

The small increase in overall coarse grain trade was largely due to South Africa, which normally has been a corn exporter. Another severe drought left that country short of domestic requirements, and their imports rose to over 3.3 million tonnes. There were small increases for Turkey and Saudi Arabia. The Soviet Union was again a large buyer, but purchases were down slightly from the year before and were well down from their record level of 1980-81.

Of the major coarse grain exporting nations, the U.S. slightly increased its exports to 55.8 million tonnes. Canadian exports of coarse grains were little changed at 6.5 million tonnes, while those of the EC were down from the year before. Australia greatly



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increased its exports from 1.4 million tonnes from the drought-reduced crop of 1982-83, to 4.3 million tonnes in 1983-84.

### Carryover Stocks

At 81 million tonnes, world carryover stocks were half as large as the previous year, and the lowest level since 1980-81. The substantial decrease in carryover was due almost entirely to significantly reduced production in the United States.

### Price

Coarse grain prices generally enjoyed greater strength than wheat throughout 1983-84. Significantly reduced world supplies, particularly the decline of U.S. corn production, was a major factor in the relatively high prices realized for coarse grains at times during the year.

Corn prices in the United States were supported early in 1983 by the prospect of fairly heavy participation in the U.S. government's Payment-in-Kind program, which paid farmers who set aside acreage with like grain from government stocks. Graph 2 shows the price of No. 3 Yellow U.S. corn, in Canadian dollars. When the potential effects of the drought became apparent in July, prices increased further. By August, U.S. corn for export was being quoted at U.S.\$155 per tonne, \$45 higher than a year before.

Corn prices stayed quite steady in the following months. However, they tapered off in the summer of

1984 when there were good prospects for the next crop. The outlook for a large crop in 1984 created an unusual situation in U.S. corn futures. The market became "inverted"; in other words, futures prices for nearby delivery were much higher than for later months. This was caused by the tight physical supply of U.S. corn in the nearby positions, and the outlook for increased production of new crop, which many in the U.S. projected would approach nine billion bushels.

## BARLEY

### Production

World production of barley in 1983-84 totaled 170 million tonnes, a two per cent increase over the level of the year before. Table 8 indicates barley production in major producing regions.

Barley production was off somewhat in Canada and the European Community. A reduction in the area sown combined with hot, dry weather reduced output in Canada. Spring barley in the EC was hampered by excess rains early in the season, and a late-season drought reduced yields sharply. U.S. barley production remained virtually the same as the previous year. While barley producers in the U.S. could sign up for regular acreage reduction programs, the Payment-in-Kind program was not made available to them. Australian barley production was up significantly, rising from 1.9 million tonnes in 1982-83 to 4.9 million tonnes in 1983-84.

**TABLE 7**  
**EXPORTS OF COARSE GRAINS**  
**By Principal Exporters (July-June Crop Years)**

	1982-83	1983-1984 <sup>1</sup>
	(Millions of Tonnes)	
Argentina	10.7	12.1
Australia	1.4	4.3
Canada	6.2	6.5
E.E.C. <sup>2 3</sup>	3.8	3.0
South Africa	3.2	0.1
Thailand	2.4	3.1
U.S.A.	54.0	55.8
Others	5.8	4.6
<b>WORLD TOTAL</b>	<b>87.5</b>	<b>89.5</b>

<sup>1</sup> Preliminary - subject to revision

<sup>2</sup> 10 member countries

<sup>3</sup> Excluding E.E.C. Intra-trade

Source: Canadian Grain Commission - Canadian Grain Exports  
U.S.D.A. - Foreign Agriculture Circular December 1984  
All others - I.W.C. Review of the World Wheat Situation  
1983-84

**TABLE 8**  
**WORLD BARLEY PRODUCTION**

	1982	1983 <sup>1</sup>
	(Millions of Tonnes)	
Australia	1.9	4.9
Canada	14.1	10.3
China	8.0	8.0
East Europe	17.4	15.2
E.E.C.	41.3	36.1
U.S.A.	11.2	11.1
U.S.S.R.	41.0	54.2
Others	30.9	29.8
<b>WORLD TOTAL</b>	<b>165.8</b>	<b>169.6</b>

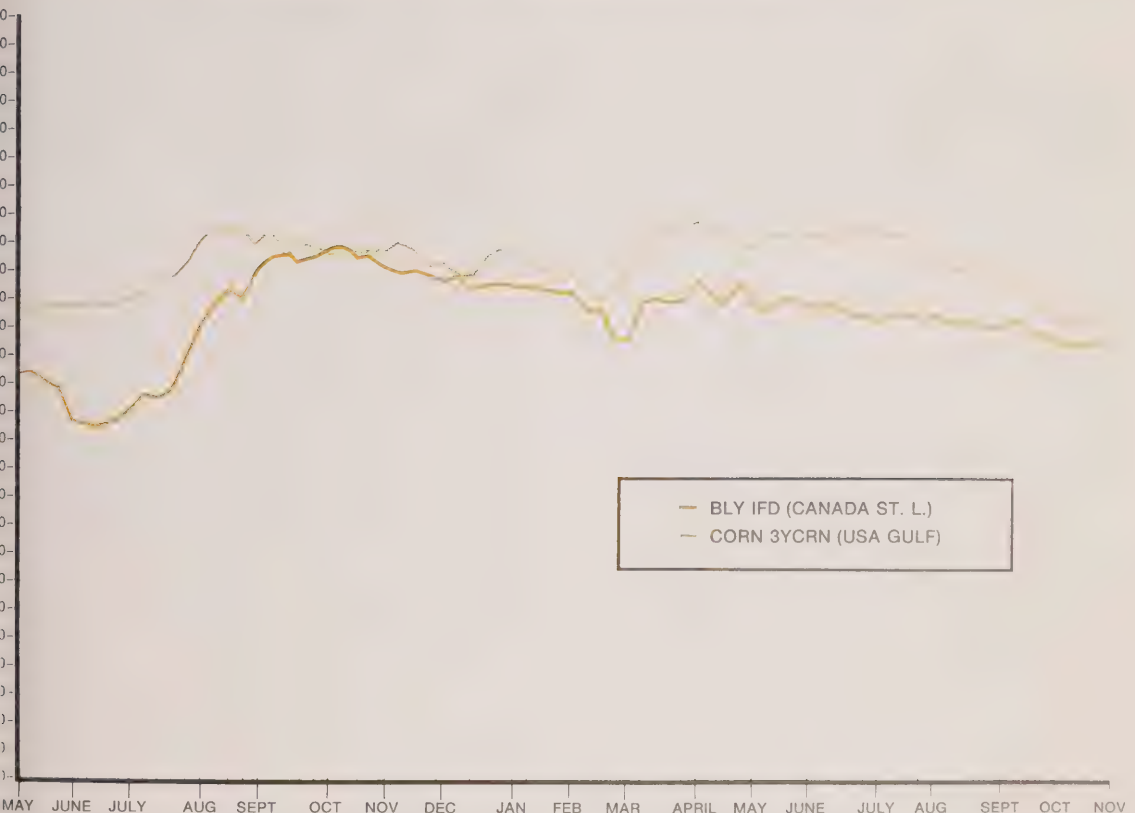
<sup>1</sup> Subject to revision

Source: U.S.D.A. Foreign Agriculture Circular December 1984  
For all countries except Canada  
Canada - Statistics Canada: Field Crop Series



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## GRAPH 2 WEEKLY F.O.B. COMPARATIVE PRICE ANALYSIS



The Soviet Union was estimated to have significantly increased its barley production in 1983-84. The crop was estimated at just over 54 million tonnes, a 2 per cent increase over 1982-83 output. Barley production in Eastern Europe was down 13 per cent.

Of the major importing regions, Saudi Arabia increased its purchases of barley in 1983-84 by almost

**TABLE 9**  
**EXPORTS OF BARLEY**  
**By Principal Exporters (OCT/SEPT CROP YEAR)**

	1982-83	1983-84
	(Millions of Tonnes)	
Australia	0.6	3.7
Canada	5.6	5.5
E.E.C.	4.1	3.2
U.S.A.	1.0	2.1
Others	2.6	1.1
<b>WORLD TOTAL</b>	<b>13.9</b>	<b>15.6</b>

<sup>1</sup> Subject to revision

Source: U.S.D.A. Foreign Agriculture Circular for all countries  
Oct/Sept Crop Year except Canada  
Canada Statistics Canada & Canadian Grain  
Commission Aug/July Crop Year

ade

Table 9 shows trade statistics for the four major exporters of barley. World trade in barley in 1983-84 was almost 16 million tonnes, up from the previous year. While Canadian and EC barley exports were down from the level of the year before because of smaller crops, increased exports from the United States and Australia offset the decline. Australia realized the greatest change, recovering from severe drought the year before to boost exports to a record of almost four million tonnes.





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one and a half million tonnes to 4.1 million tonnes. The Soviet Union reduced its imports to only 500 000 tonnes from over two million tonnes the year before.

### Carryover Stocks

Estimates of carryover stocks of barley at the end of the 1983-84 crop year show a significant reduction. Total stocks were estimated to have dropped to under 14 million tonnes, a six-million-tonne decrease from stocks at the end of 1982-83. The most significant reductions in carryover stocks occurred in Canada and the EC.

### Price

As in the case of all coarse grains, barley prices reflected the reduction in world supply and enjoyed relative strength for much of the 1983-84 crop year. Graph 2 shows export trade quotes for No. 1 Feed barley f.o.b. St. Lawrence.

Export barley prices followed the early lead set by corn, moving up sharply from July through September of 1983. Reduced corn acreage in the United States, coupled with severe drought, brought about

the higher prices. Barley prices reached a peak in September when it became clear that Canadian and European crops would be reduced by dry weather. However, significantly larger Australian supplies limited the price rise. Prospects for a return to large corn production in the U.S. in 1984 dampened enthusiasm in the corn market early in the new year, affecting prices for barley. Feed barley tended to trade at some discount to corn for 1983-84, although the relationship was much improved from sharp discounts in the previous year.

### OATS

There were few new developments in international oats marketing in 1983-84. Like barley, oats was not included in the U.S. government's Payment-in-Kind program and did not experience reduced production like some other U.S. feed grains. However, production in the U.S. did follow the trend set in recent years, and did decrease somewhat. Canadian oats production was up slightly from the year before. In the export market for oats, prices showed some effect of the accessibility of Finnish and Swedish oats to the U.S. market, and this tended to limit any price advance

# PART II SALES OF CANADIAN GRAIN



## WHEAT

Canadian wheat exports, including durum wheat and wheat flour, totaled 21.8 million tonnes in 1983-84, just over the 21.4-million-tonne record of the year before. Purchases by some major buying countries such as the Soviet Union, China, Brazil, Cuba, and the United Kingdom were down somewhat from the level of 1982-83. Japan increased its purchases from about 1.3 million tonnes to over 1.5 million tonnes. Sales to Algeria, Italy and Iraq were increased. Egypt's purchases rose from 49 000 tonnes in 1982-83 to 686 000 tonnes in 1983-84. New markets for Canadian wheat included Bolivia, Chad, Cyprus, Israel, South Korea, Sudan, and Zimbabwe.

Table 10 shows the major customers and total purchases for the past three years.

**TABLE 10**  
**CANADIAN WHEAT (Including Durum)**  
**AND WHEAT FLOUR EXPORTS TO MAJOR**  
**MARKETS**

Country	1983-84	1982-83	1981-82
	(Thousands of Tonnes)		
U.S.S.R.	6 761	6 959	5 019
China	3 514	4 424	3 101
Japan	1 527	1 341	1 367
Brazil	1 363	1 503	1 316
Cuba	1 053	1 101	1 050
J.K.	955	1 109	1 366
Algeria	813	517	595
Italy	742	624	515
E.A.R.	686	49	349
Iraq	608	280	259
Others <sup>1</sup>	3 742	3 461	3 510
<b>TOTAL</b>	<b>21 764</b>	<b>21 368</b>	<b>18 447</b>

<sup>1</sup>Includes Bagged Seed exports.

Source: Canadian Grain Commission for 1983-84 — Previous Years Statistics Canada.

## DURUM WHEAT

Of the total 21.8 million tonnes of wheat exports, approximately 2.6 million tonnes was durum. This was slightly down from the record of the year before. Table 11 shows the major purchasers for the past three years. Increased purchases by Algeria in 1983-84 made that country the largest export market for Canadian durum. Durum purchases by the Soviet Union were down by more than half in 1983-84. There was a slight decrease in purchases by Italy. France,

Libya, and The Netherlands increased their purchases.

**TABLE 11**  
**CANADIAN DURUM EXPORTS TO MAJOR**  
**MARKETS**

Country	1983-84	1982-83	1981-82
	(Thousands of Tonnes)		
Algeria	813	512	590
U.S.S.R.	554	1 204	860
Italy	504	526	423
France	199	99	88
Libya	93	47	52
Netherlands	85	12	24
Poland	52	59	112
Cuba	52	59	44
Others	194	169	117
<b>TOTAL</b>	<b>2 546</b>	<b>2 687</b>	<b>2 210</b>

Source: Canadian Grain Commission 1983-84 — Previous Years Statistics Canada.

## OATS

Exports of Canadian oats were slightly higher than the previous year at 122 000 tonnes. Larger imports by the United States accounted for almost all of the increase.

## BARLEY

Canadian barley exports, at 5.5 million tonnes, were down slightly from the year before, and off about eight per cent from the record set in 1981-82.

A smaller Canadian barley crop contributed to the decrease. Canadian barley exports could have been higher had farm deliveries not fallen off late in the crop year.

Table 12 on page 14 shows exports of Canadian barley to major customers in 1983-84. Exports to some customers were down, particularly in the case of the Soviet Union. New markets for Canadian barley included Singapore, The Netherlands, Romania, South Korea, Syria, and Turkey.

Exports of barley malt fell from 318 000 tonnes in 1982-83 to 269 000 tonnes in 1983-84. However, malting barley exports, which are included in the bulk barley exports of 5.3 million tonnes, rose from 327 000 tonnes in 1982-83 to 345 000 tonnes in 1983-84. Markets in 1983-84 for malting barley included 115 000 tonnes to Colombia, 63 500 tonnes to the United States, 61 900 tonnes to Belgium, 26 100



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tonnes to China, 20 100 tonnes to West Germany, 19 300 tonnes to East Germany, 15 500 tonnes to The Netherlands, 12 900 tonnes to Peru, 5 400 tonnes to South Korea, and 4 800 tonnes to Portugal. All of these malting barley exports were two-row varieties, except for some six-row varieties which went to Colombia, Peru, and the United States.

**TABLE 12**  
**CANADIAN BARLEY EXPORTS TO MAJOR**  
**MARKETS**

Country	1983-84	1982-83 (Thousands of Tonnes)	1981-82
Germany			
People Rep. of	1 123	600	103
Japan	820	970	914
Belgium/Lux.	708	481	121
U.S.S.R.	472	1 526	2 780
Singapore	262	—	—
Israel	256	252	209
Iran	209	92	80
Iraq	197	101	—
Turkey	188	—	—
Italy	126	310	417
Columbia	115	101	86
Poland	105	—	—
Others	686	898	1 012
<b>TOTAL BARLEY</b>	<b>5 267</b>	<b>5 330</b>	<b>5 722</b>
<b>MALT</b>	<b>269</b>	<b>318</b>	<b>280</b>
<b>GRAND TOTAL</b>	<b>5 536</b>	<b>5 648</b>	<b>6 002</b>

Source: Canadian Grain Commission for 1983-84.  
Previous Years Statistics Canada.

#### DOMESTIC FEED GRAIN POLICY

The Wheat Board continued to offer Prairie grown wheat, oats, and barley to the domestic market at prices competitive to U.S. corn and soymeal. Corn competitive prices rose considerably during the crop year to reflect higher U.S. feed grain prices, which had risen due to the drought in their main feed grain producing areas. As prices offered to domestic feeders by the off-Board market in Canada were below the Wheat Board's corn-competitive prices, sales of domestic feed grain by the Board fell to only 34 900 tonnes. Table 13 shows Wheat Board domestic feed grain sales by grain for 1983-84. Of this total, only 2 400 tonnes was sold from country elevators.

In spite of the drop in U.S. feed grain supplies, use of Western Canadian feed grains in Eastern Canada

changed little, rising from an estimated 1.306 million tonnes in 1982-83 to 1.340 million tonnes in 1983-84. All but 32 500 tonnes of this was supplied by the off-Board feed grain market.

**TABLE 13**  
**WHEAT BOARD SALES OF CANADIAN**  
**DOMESTIC FEED GRAINS**

Crop Year	Wheat	Oats (000 of tonnes)	Barley	Total
1983-84	33.7	.8	.4	34.9
1982-83	257.6	97.7	98.2	453.5
1981-82	363.7	111.3	226.4	701.4
1980-81	354.7	10.4	31.7	396.8
1979-80	336.5	101.2	51.8	489.5

#### DOMESTIC WHEAT PRICES

Under the domestic wheat price program, Canadian millers buy wheat at export prices, as long as they fall within a range established by the federal government. Minimum and maximum wheat prices to Canadian millers remained unchanged from the 1982-83 crop year. For No. 1 Canada Western Red Spring wheat, 13.5 per cent protein, instore Thunder Bay there was a minimum price of \$183.72 per tonne (\$5.00 per bushel) and a maximum of \$257.21 per tonne (\$7.00 per bushel). The minimum price established for durum wheat, based on No. 1 Canada Western Amber Durum wheat at Thunder Bay, was also \$183.7 per tonne. There was no maximum price established for durum.

Export prices were above the minimum and below the maximum domestic price throughout the 1983-84 crop year. As a result, no subsidy, either to the producer or consumer, was incurred.

#### FOOD AID PROGRAMS

Export shipments of wheat and wheat flour under Canada's food aid programs totaled 932 054 tonnes during the 1983-84 crop year. This was an increase of 19 per cent from the quantities exported the year before. Most of the increase went to Bangladesh under the Canadian International Food Aid Program. Bangladesh was again the largest recipient of food aid with shipments from all programs totaling 475 694 tonnes. See Table 14 for a list of food aid shipments by country.



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TABLE 14  
CANADIAN FOOD AID SHIPMENTS 1983-84  
(August/July)  
- tonnes -

Country	CIDA	World Food Program	CFB <sup>1</sup>
Bangladesh .....	447 193	28 501	475 694
China (PRC) .....	—	102 637	102 637
Sri Lanka .....	41 465	—	41 465
Ethiopia .....	31 471	—	31 471
Pakistan .....	57 914	—	57 914
Mozambique .....	14 050	—	14 050
Tanzania .....	13 350	—	13 350
Ghana .....	—	13 000	13 000
Bolivia .....	12 450	1 488	13 938
Mauritania .....	8 045	3 000	11 045
Nicaragua .....	11 156	5 196	16 352
Senegal .....	10 123	—	10 123
Zimbabwe .....	—	10 630	10 630
Chad .....	1 828	7 000	8 828
Sudan .....	23 736	—	23 736
El Salvador .....	—	828	828
Honduras .....	—	445	445
Paraguay .....	—	3 179	3 179
Haiti .....	—	462	462
Tunisia .....	14 987	—	14 987
Ecuador .....	—	1 729	1 729
St. Kitts .....	—	203	203
St. Lucia .....	—	413	413
Colombia .....	—	4 362	4 362
Rwanda .....	3 650	—	3 650
Guatemala .....	—	304	304
Mexico .....	—	1 311	1 311
Jordan .....	—	3 450	3 450
Syria .....	—	5 520	5 520
Barbados .....	—	90	90
Antigua .....	—	124	124
Egypt .....	—	23 184	23 184
Guinea .....	2 084	—	2 084
Costa Rica .....	—	430	430
Brazil .....	—	1 380	1 380
St. Vincent .....	—	36	36
<b>TOTAL</b>	<b>693 502</b>	<b>218 902</b>	<b>912 404</b>

El Salvador — 1 500

CFB<sup>1</sup> (Ethiopia — 2 000, India — 5 650, Sudan — 1 500,

S. Africa — 1 000, Upper Volta — 2 000, Zimbabwe — 6 000)

19 650

**GRAND TOTAL**

**932 054**

<sup>1</sup> Canadian Foodgrains Bank





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### CREDIT SALES

Wheat Board credit sales of wheat, oats, and barley totaled only 4.2 million tonnes during the 1983-84 crop year. This was down considerably from the crop year before when short-term credit had been provided to the Soviet Union on about five million tonnes.

Destinations of Canadian grain exports under credit are shown in Table 15. All credit sales were made at commercial terms and rates. The credit was financed by the Wheat Board and guaranteed by the federal government.

**TABLE 15**  
**1983-84 CANADIAN GRAIN EXPORTS UNDER**  
**CREDIT AGREEMENTS**

Country	Wheat	Durum (000 of tonnes)	Barley	Total
Brazil	1 204.6			1 204.6
E. Germany	21.9	51.3	832.4	905.6
Egypt	614.2			614.2
Iraq	607.9		197.1	805.0
Israel	18.0		230.7	248.7
Jamaica	22.4			22.4
Mexico	275.7		62.8	338.5
Peru	24.6			24.6
<b>TOTAL</b>	<b>2 789.3</b>	<b>51.3</b>	<b>1 323.0</b>	<b>4 163.6</b>

# PART III

## THE SUPPLY AND

## TRANSPORTATION OF

## CANADIAN GRAIN



### INTRODUCTION

In 1983-84, one year ahead of the 1985 target set in 1976, exports of Western Canadian grain and grain products exceeded 30 million tonnes. This was a tremendous achievement for Prairie producers, and for the marketing and transportation systems that serve them.

The export level of 30.7 million tonnes topped the previous record of almost 29.6 million tonnes set the year before. Several monthly export records were broken at Canada's ports. Except for barley late in the crop year, deliveries generally were made as required which allowed for an efficient railway operation in the country and vessel loadings at the ports. Shipments from country elevators surpassed the record from the year before. Quotas were open for all grains by the end of the crop year, except for Nos.

1 & 2 CW Red Spring wheat, and on-farm carryover stocks were reduced to very low levels.

### THE CROP DEVELOPMENT, QUALITY, AND SIZE

Total Prairie production of the six major grains totaled 40.5 million tonnes in the 1983-84 crop year. This was down about five million tonnes from the record crop of 1982, but still about five million tonnes higher than the previous 10-year average.

For most farmers, the 1983 growing season got off to a cool, wet start. An exception was the Peace River district, where soil moisture conditions were rated fair. Snow in Saskatchewan in mid-May delayed seeding progress. Seeding progressed more quickly in Alberta as a result of warmer temperatures, but,

TABLE 16  
1983<sup>1</sup> PRAIRIE YIELDS & PRODUCTION

	ALBERTA				SASKATCHEWAN			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82
Wheat	32.5	29.6	6.8	4.4	27.1	26.3	15.3	12.2
Barley	45.9	45.0	5.1	5.3	41.1	40.6	2.5	3.1
Oats	59.1	57.4	1.1	1.4	49.4	48.4	.6	1.1
Flaxseed	32.5	29.4	.2	.2	29.1	23.4	.3	.2
Canola	18.5	17.4	—	.1	18.8	15.0	.1	.1
Pease	18.8	20.1	1.1	.9	22.9	20.9	1.1	.8
TOTAL*	N/A	N/A	14.3	12.3	N/A	N/A	19.9	17.5

	MANITOBA				TOTAL PRAIRIES			
	YIELD (bu./acre)		PRODUCTION (million tonnes)		YIELD (bu./acre)		PRODUCTION (million tonnes)	
	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82	1983	10-Year Average 1973-82
Wheat	27.2	27.3	3.4	2.5	28.4	27.1	25.5	19.1
Barley	41.7	41.9	1.6	1.7	43.7	43.5	9.2	10.1
Oats	47.3	48.5	.4	.6	53.3	52.2	2.1	3.1
Flaxseed	30.6	28.4	.2	.1	30.4	26.4	.7	.5
Canola	15.6	13.7	.3	.3	16.5	14.5	.4	.5
Pease	18.4	20.0	.4	.3	20.3	20.4	2.6	2.0
TOTAL*	N/A	N/A	6.3	5.5	N/A	N/A	40.5	35.3

Source: Statistics Canada.

\* Production totals may not add up due to rounding.

<sup>1</sup> Preliminary — Subject to revision.



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by early June, seeding in most parts of the Prairies was completed. Seeded acreage on the Prairies reached a record 53.4 million acres. Most of the increase was due to more wheat plantings.

Widespread rains in late June and early July were welcome in most areas, except for excessive amounts in north-central Alberta, and central and northeastern Saskatchewan.

Then, conditions changed quickly, as shown in the accompanying map. Farmers in many parts of the Prairies received less rainfall than normal in late July and early August, along with unusually high temperatures. Manitoba crops were particularly hard hit because much of the province didn't receive enough rain in early July. Overall, Prairie yields were reduced to about the 10-year average. But, combined with the increase in acreage, the 1983 Prairie crop, at 40.5 million tonnes, was the third largest ever.

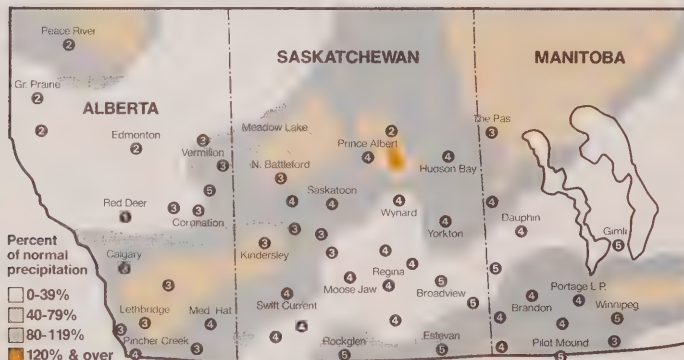
The 1983-84 crop year marked a return to a more normal grade pattern for high grade wheat with 77 per cent falling into the top two grades. The wheat crop was also high in protein with a 14.1 per cent average. Although a large portion of the barley crop graded No. 1 Feed or better, maltsters later faced problems acquiring enough barley suitable for their requirements. Table 17 shows the grade distribution of the 1983-84 crop.

**TABLE 17**  
**ESTIMATED GRADE DISTRIBUTION**  
**(Per cent of Production)**

	1983	1982
<b>Wheat Grades</b>		
1 CW Red Spring	56%	25%
2 CW Red Spring	21	26
3 CW Red Spring	20	28
1 Canada Utility	0.4	0.6
2 Canada Utility	0.1	0.4
Canada Feed	2.5	20
<b>Barley Grades</b>		
1 & 2 CW Six-Row	6	4.5
1 & 2 CW Two-Row	7	5.5
1 Feed	72	82
2 Feed & Lower	15	8
<b>Durum Grades</b>		
1 CW Amber Durum	33	27
2 CW Amber Durum	37	29
3 CW Amber Durum	20	23
4 CW Amber Durum	9	16
5 CW Amber Durum	1	5
<b>Oats Grades</b>		
1 CW & 2 CW	..	2.5
Extra 1 Feed	..	6.5
1 Feed	..	84
2 Feed & Lower	..	7

Source: Canadian Grain Commission.  
.. Figures not available.

**AUGUST 1983 PRECIPITATION AND TEMPERATURE**



Note: Each number represents degrees Celsius above August normal as reported by the local weather station.

TABLE 18

## SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1984

	Quota Name	Kilograms/ Quota Acre	Bushels/ Quota Acre	Grades	Area
Hard Red Spring Wheat	A	80	2.9	All	All
	B	270	10.0	Canada Feed	All
	C	80	2.9	All	All
	D	80	2.9	All	All
	E	545	20.0	3 CW & Lower	All
	F	Open	Open	3 CW & Lower	All
	G	80	2.9	1 & 2 CW	All
	H	270	10.0	1 & 2 CW	All
Durum	A	80	2.9	All	All
	B	80	2.9	All	All
	C	80	2.9	All	All
	D	135	5.0	All	All
	E	270	10.0	All	All
	F	Open	Open	All	All
Utility Types of Wheat	A	80	2.9	All	All
	B	80	2.9	All	All
	C	80	2.9	All	All
	D	545	20.0	All	All
	E	Open	Open	All	All
	F	Open	Open	All	All
Red Winter Wheat	A	80	2.9	All	All
	B	270	10.0	All	All
	C	135	5.0	All	All
	D	545	20.0	All	All
	E	410	15.0	All	All
	F	Open	Open	All	All
Soft White Spring Wheat	A	80	2.9	All	All
	B	270	10.0	All	All
	C	270	10.0	All	All
	D	545	20.0	All	All
	E	545	20.0	All	All
	F	Open	Open	All	All
Barnyard	A	75	5.0	All	All
	B	150	9.7	All	All
	C	160	10.4	All	All
	D	160	10.4	All	All
	E	540	35.0	All	All
	F	75	5.0	All	All
	G	Open	Open	All	All
Barley	A	65	3.0	All	All
	B	65	3.0	All	All
	C	65	3.0	All	All
	D	90	4.1	All	All
	E	110	5.1	All	All
	F	105	4.8	All	All
	G	220	10.1	All	All
	H	110	5.1	All	All
	I	260	11.9	All	All
	J	110	5.1	All	All
	K	Open	Open	All	All
	L	Open	Open	All	All
Feed		Open	Open	All	All
Feed to Distillers		Open	Open	All	All
Feedseed		Open	Open	All	All
Feedseed to Crushers		Open	Open	All	All
Feedseed		Open	Open	All	All
Feedseed to Crushers		Open	Open	All	All





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## PRODUCER DELIVERIES

Producer deliveries in 1983-84 of the six major grains totaled 33 454 300 tonnes. Although this was about two million tonnes less than the year before, it was still the second highest on record. As shown in Graph 3, wheat accounted for most of the drop from the 1982-83 record delivery pace.

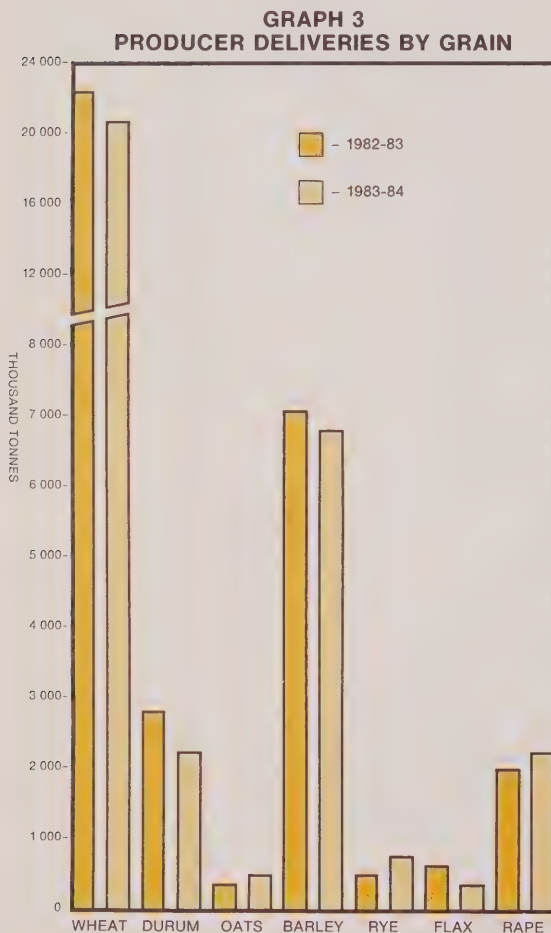
Early in the crop year, farmers' delivery opportunities for Nos. 1 and 2 Canada Western Red Spring wheat were limited. A large portion of the wheat crop qualified for these two grades, and export sales were hard to find. As Canada Feed wheat shipments were needed to meet the last of the "Special Bin" sales from the previous year, the Wheat Board authorized

a special 270-kilogram (10-bushel) "B" quota for the grade on October 21, 1983. Quotas were opened for No. 3 CW and lower grades on June 1, 1984. Increased sales of high grade wheat for the latter part of the crop year allowed the Wheat Board to authorize another 270-kilogram (10-bushel) quota for Nos. 1 and 2 CWRS by July 9, 1984.

Quotas for other types of wheat, barley, and oats were increased quickly throughout the crop year. At times, producer deliveries of barley fell short of market requirements and the Board had to defer some sales. The Board terminated many barley quotas throughout the crop year in an effort to signal farmers that their deliveries were urgently needed to meet the requirements of its customers.

In June, the Wheat Board announced open quotas for all Board grains, except Nos. 1 & 2 CW wheat, for a 30-day period. This was done to encourage deliveries to meet immediate sales requirements and to discourage delaying these deliveries until July when the strong feed grain situation would be gone and elevator space would be needed for high grade wheat deliveries. This effort was only partially successful.

Table 18 on page 19 shows a summary of the crop year quotas.



## CARRYOVER

As a result of the brisk export movement of grain, carryover stocks dropped sharply during the 1983-84 crop year. Total carryover fell from 16.5 million tonnes as at July 31, 1983, to only 12.1 million tonnes by July 31, 1984. As shown in Table 19, on-farm stocks fell by over three million tonnes to a near-record low of 3.2 million tonnes. Commercial stocks dropped by about 1.3 million tonnes as shown in Table 20. Barley accounted for most of the drop in commercial and on-farm stocks.

## COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments for the six major grains hit 34 042 000 tonnes in 1983-84, surpassing the 1982-83 record by about 900 000 tonnes. As shown in Table 21, most of the increase occurred in Alberta shipments. The drop in Manitoba shipments was mainly due to a summer drought in 1983 which reduced the Manitoba crop by over one million tonnes from the year before.



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TABLE 19

STOCKS ON FARMS IN WESTERN CANADA AS AT JULY 31 FOR YEARS 1979 TO 1984

Grain	1979	1980	1981 (thousands of tonnes)	1982 (thousands of tonnes)	1983	1984
Wheat*	8 823	4 142	1 533	3 515	1 965	1 632
Barley	864	492	446	536	825	465
Oats	3 092	980	992	1 817	3 077	930
Flaxseed	254	127	53	103	220	110
Canola seed	147	147	56	38	120	18
Canola seed	249	340	404	71	40	15
TOTAL	13 429	6 228	3 484	6 080	6 247	3 110

\*Includes Durum Wheat.  
Subject to revision.  
Source: Statistics Canada.

TABLE 20

STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN  
AS AT JULY 31 FOR YEARS 1979 TO 1984

Grain	1979	1980	1981 (thousands of tonnes)	1982 (thousands of tonnes)	1983	1984
Wheat *	5 957	6 448	6 925	6 153	7 973	7 358
Barley	417	189	150	215	175	125
Oats	1 695	906	2 063	2 181	1 904	891
Flaxseed	248	279	169	231	431	326
Canola seed	244	440	288	221	347	130
Canola seed	819	1 137	924	621	446	105
TOTAL	9 380	9 399	10 519	9 622	11 276	8 946

\*Includes durum wheat.  
Subject to revision.  
Source: Canadian Grain Commission for 1983. All previous years Statistics Canada.

TABLE 21

COUNTRY ELEVATOR SHIPMENTS  
(thousands of tonnes)

Grain	1983-84				1982-83			
	Man.	Sask.	Alta.	Total	Man.	Sask.	Alta.	Total
Wheat	2 895	12 423	5 831	21 149	3 113	12 916	5 060	21 089
Durum	121	2 078	345	2 544	150	2 287	434	2 871
Oats	57	92	265	414	65	64	239	368
Barley	999	2 292	3 795	7 086	1 232	1 997	3 586	6 815
Flaxseed	155	373	210	738	108	170	110	388
Canola seed	303	181	44	528	242	111	29	382
Canola seed	187	688	571	1 446	197	457	574	1 228
Total	4 717	18 127	11 061	33 905	5 107	18 002	10 032	33 141

\*Includes British Columbia.  
Source: Canadian Grain Commission.

WEST COAST SHIPMENTS

A record 12 507 000 tonnes of grain was shipped through West Coast ports during the 1983-84 crop year. Prince Rupert accounted for 1.399 million tonnes of this total, just over the port's previous crop year

record of 1.396 million tonnes set the year before. All Prince Rupert shipments were handled through the old terminal.

West Coast shipments went extremely well throughout most of the crop year, breaking export



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records for the months of August, September, October, November, December, February, and May. A high level of export shipments could be maintained in the early months of the crop year from carryover stocks until new crop grain could be moved into position. An exceptionally mild winter in British Columbia and the Prairies kept railway operational problems minimal and allowed for good unloads at both ports. The only exception was a wash-out on CN lines near Hope, B.C., in December. However, CN rail cars were rerouted over CP lines, alleviating any rail car shortages.

### THUNDER BAY AND ST. LAWRENCE

Thunder Bay and St. Lawrence ports handled 15 683 115 tonnes of grain for overseas export in 1983-84, just short of the record 15 726 116 tonnes set the year before.

Shipments got off to a good start with St. Lawrence ports, with export records in August and September. Problems developed by a refusal of Thunder Bay grainhandlers to work weekends and overtime but this was resolved in the first week of October, before seriously affecting operations at Thunder Bay. By the close of navigation on December 28, 1983, Thunder Bay and St. Lawrence ports had set record vessel shipments for the year. This permitted a reduced rail program of 365 507 tonnes of wheat, durum wheat, and barley from Thunder Bay to St. Lawrence ports during the winter of 1984, a relatively costly operation. Other factors which resulted in a smaller winter rail program was the relatively limited market prospects at the time plus the high costs of rail versus water transport.

The spring saw a major delay to navigation on the Great Lakes. While the first vessel cleared Thunder Bay at an early date, March 29, lingering ice in Georgian Bay and a heavy buildup of ice in the St. Clair River between Lake Huron and Lake Erie brought the water movement to a standstill. At one point, 65 vessels were waiting to move westward, while 21 vessels waited to move eastward to St. Lawrence ports. Eight icebreakers were involved in efforts to free the river, but operations were not back to normal until the third week of April.

Thunder Bay terminals became plugged during this period and stocks remained high throughout the rest of the crop year. Grain was loaded onto lakers at a rapid pace following the problems in the St. Clair River. However, a large and steady supply of rail cars kept

Thunder Bay terminals full. Thunder Bay unloads surpassed 8,000 rail cars in many weeks during the period of May to July. The brisk lake movement allowed St. Lawrence transfer elevators to set export records for the months of June and July.

### ATLANTIC

The Wheat Board's 1983-84 export shipping program through the Atlantic ports of Halifax and West Saint John totaled 618 200 tonnes. Exports were shipped to such countries as Algeria, Belgium, Cuba, the German Democratic Republic, and Israel.

Most of the exports, about 437 000 tonnes, were shipped in January, February, and March. However, there was also about 114 000 tonnes shipped in April and 5 000 tonnes in May. Supplies for these shipments came from Georgian Bay and upper lake ports. Prior to freeze-over on the Great Lakes, the Wheat Board had grain moved by laker from Thunder Bay. Then, during the winter months, the grain was railed to the Atlantic ports. The remaining portion of the Wheat Board's Atlantic program had been shipped direct by laker from Thunder Bay to the Atlantic in the fall of 1983.

About 141 000 tonnes of Eastern grain was shipped out of the Atlantic ports. Combined with the Wheat Board's program, exports from Atlantic ports totaled 759 753 tonnes.

### CHURCHILL

Export clearances through Churchill totaled 621 306 tonnes during the 1983 shipping season. (This total, 598 993 tonnes was barley and the rest was Nos. 1 and 2 Canada Western Red Spring wheat.)

The Wheat Board began ordering grain for the Churchill shipping program in the third week of July. By October 21, 1983, 10,729 rail cars had unloaded at the port. There were some problems drawing barley from the areas of northern Saskatchewan usually used to service the Port of Churchill. As a result, the Wheat Board had to draw some supplies from Alberta.

There were 21 grain vessels and one pellet vessel loaded at Churchill in 1983. The first vessel started loading August 9, 1983. The last barley vessel cleared the port October 19 and the pellet vessel cleared on October 20. There were 5 626 tonnes of wheat and barley left instore at the close of the shipping season. Of the 22 vessels loaded, four took barley to Poland, one took wheat to Italy, nine unloaded at Antwerp,





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ent, two went to the U.S.S.R., two to Romania, two to East Germany, one to Holland, and one went to the Havre.

### WEIGHT, HANDLING, AND STORAGE RATES

Farmers faced higher deductions on delivery to the country elevator during the 1983-84 crop year. Table 22 shows the weighted average rail freight, country elevation tariff, and removal of dockage fee deducted from initial payments for wheat, durum wheat, oats, and barley during the last five crop years.

The increase in rail freight rates to grain farmers came about due to the abolition of the Crow's Nest Pass freight rate on December 31, 1983. Prior to that time, the rate charged to grain farmers on delivery to a country elevator had been frozen.

Maximum country elevation tariffs were increased by the Canadian Grain Commission from \$7.57 to \$7.96 per tonne for wheat, from \$12.43 to \$13.06 per tonne for oats, and from \$9.40 to \$9.87 per tonne for barley. The maximum fees for removal of dockage were increased from \$2.33 to \$2.45 per tonne for wheat, from \$3.82 to \$4.02 per tonne for oats, and

**TABLE 22**  
**WEIGHTED AVERAGE DEDUCTIONS FROM FARMERS**  
**FOR FREIGHT, COUNTRY ELEVATION, & REMOVAL OF DOCKAGE**

		1979-80	1980-81	1981-82	1982-83	1983-84
		dollars per tonne				
Wheat -	Freight .....	\$ 4.67	\$ 4.71	\$ 4.65	\$ 4.66	\$ 5.16
	Country Elevation & .....	\$ 5.46	\$ 6.36	\$ 6.87	\$ 7.46	\$ 7.46
	Removal of Dockage .....					
	<b>Total</b> .....	<b>\$10.13</b>	<b>\$11.07</b>	<b>\$11.52</b>	<b>\$12.12</b>	<b>\$12.62</b>
Durum Wheat -	Freight .....	\$ 4.80	\$ 4.83	\$ 4.79	\$ 4.82	\$ 5.24
	Country Elevation & .....	\$ 5.46	\$ 6.32	\$ 6.87	\$ 7.41	\$ 7.43
	Removal of Dockage .....					
	<b>Total</b> .....	<b>\$10.26</b>	<b>\$11.15</b>	<b>\$11.66</b>	<b>\$12.23</b>	<b>\$12.67</b>
Oats -	Freight .....	\$ 4.64	\$ 4.75	\$ 4.73	\$ 4.78	\$ 5.21
	Country Elevation & .....	\$ 8.54	\$ 9.62	\$10.46	\$11.35	\$11.15
	Removal of Dockage .....					
	<b>Total</b> .....	<b>\$13.18</b>	<b>\$14.37</b>	<b>\$15.19</b>	<b>\$16.13</b>	<b>\$16.36</b>
Barley -	Freight .....	\$ 4.67	\$ 4.70	\$ 4.71	\$ 4.72	\$ 5.14
	Country Elevation & .....	\$ 6.86	\$ 7.77	\$ 8.44	\$ 9.21	\$ 9.13
	Removal of Dockage .....					
	<b>Total</b> .....	<b>\$11.53</b>	<b>\$12.47</b>	<b>\$13.15</b>	<b>\$13.93</b>	<b>\$14.27</b>

**TABLE 23**  
**TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS FOR WHEAT**

	1980	1981	1982	1983	1984	Percentage Increase from 1980
	(dollars per tonne)					
Tunder Bay To St. Lawrence <sup>1</sup> .....	\$15.531	\$17.861	\$20.638	\$21.726	\$22.247	43.2%
(all water)						
Tunder Bay to St. Lawrence .....	\$23.331	\$27.261	\$31.284	\$33.154	\$36.638	57.0%
(winter rail)						
Tunder Bay to Atlantic <sup>2</sup> .....	\$20.958	\$23.248	\$24.361	\$25.525	\$26.396	26.0%
(water & rail)						

<sup>1</sup>Includes lakes freight rate as at opening of navigation.

<sup>2</sup>Includes lake freight costs to Georgian Bay at close of the previous navigation season & AT and East rail freight costs from Georgian Bay to the Atlantic.





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from \$2.89 to \$3.04 per tonne for barley. Maximum country elevator storage rates rose from 2.3¢ to 2.4¢ per tonne per day for wheat, from 3.8¢ to 4.0¢ per tonne per day for oats, and from 2.8¢ to 3.0¢ per tonne per day for barley. (The costs to farmers for country elevator and terminal storage are included in the Wheat Board's pool accounts under carrying charges.)

At terminals, maximum elevation tariffs went from \$4.45 to \$4.67 per tonne for wheat, from \$7.30 to \$7.67 per tonne for oats, and from \$5.52 to \$5.80 per tonne for barley. However, actual terminal elevation

charges, taking a simple average of tariffs filed with the Canadian Grain Commission, went from \$3.87 to \$4.09 per tonne for wheat, from \$6.49 to \$6.82 per tonne for oats, and from \$4.93 to \$5.18 per tonne for barley.

Costs of moving grain east of Thunder Bay also continued to go up. Table 23 on page 23 shows the total cost of moving a tonne of wheat from Thunder Bay east by water and by rail. Table 24 provides a breakdown of Thunder Bay fobbing cost, lake freight costs, and inward elevation at eastern transfer elevators.

**TABLE 24**  
**EASTERN TRANSPORTATION AND HANDLING CHARGES FOR WHEAT**  
**(Rates Basis Opening of Navigation)**

	1980	1981	1982 (dollars per tonne)	1983	1984	Percentage Increase from 1979
<b>Thunder Bay Costs</b> .....	<b>\$3.420</b>	<b>\$3.765</b>	<b>\$4.250</b>	<b>4.683</b>	<b>4.913</b>	<b>43.7%</b>
Elevation <sup>1</sup> .....	3.000	3.150	3.500	3.900	4.100	36.7%
Weighing, Inspection <sup>2</sup> .....	.360	.540	.660	.690	.720	100.0%
LSCA Charges <sup>3</sup> .....	.040	.040	.040	.043	.043	7.5%
Warehouse Receipts Cancellation <sup>4</sup> ....	.020	.035	.050	.050	.050	150.0%
<b>Lake Freight (including Bunker fuel)</b>						
Thunder Bay to Bay ports .....	5.580	6.720	7.570	7.760	8.200	47.0%
Thunder Bay to St. Lawrence .....	9.440	11.220	12.480	12.920	13.250	40.4%
<b>Eastern Terminals<sup>5</sup></b>						
Bay Ports .....	1.95	2.100	2.950	3.100	3.300	69.2%
St. Lawrence .....	1.80	2.000	2.100	2.200	2.300	27.8%
Atlantic .....	1.80	2.000	2.100	2.200	2.310	28.3%

<sup>1</sup> Receiving, weighing and delivering of grain.

<sup>2</sup> Sampling and grading of grain by an inspector and issuing of inspection certificate.

<sup>3</sup> Fees of Lake Shippers Clearance Association.

<sup>4</sup> Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.

<sup>5</sup> Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and officially weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

## PART IV OTHER OPERATIONS



### PROMOTIONAL ACTIVITIES

#### Market Development

**Variety Evaluation Programs:** The primary objective of the Canadian Wheat Board Market Development Department's varietal evaluation and contracting program is to encourage the development of varieties with potential to expand marketing opportunities for western grain growers. In keeping with this objective, two grain varieties were produced under the Canadian Wheat Board's 1984 Variety Evaluation Program. Contracts were issued by computerized random selection of applicants for 159,000 acres of HY 320, an unlicensed semi-dwarf wheat. In addition, 10,300 acres of HY 320 were contracted for pedigree seed production in anticipation of a 1985 HY 320 contracting program.

The other grain variety contracted in 1984 was an unlicensed two-row white aleurone malting barley, R 212. Production from this contract acreage is being used by the malting and brewing industry to assess the variety's potential prior to consideration for licensing. Table 25 summarizes the Variety Evaluation Program in 1984.

**TABLE 25  
VARIETY EVALUATION CONTRACT PROGRAMS  
IN 1984**

Variety	No. of Growers	Size of Contract (acres)	Total Acres	Average Yield (bu/ac)	Estimated Production (tonnes)
HY 320	3,180	50	159,000	42	183 300
HY 320 (pedigree)	206	50	10,300	45	12 615
R 212	15	60	900	56	1 098

**HY 320 Variety Test Results:** Results of the 1984 evaluation Program show that on dryland HY 320 outyielded hard red spring wheat varieties by an average of 26.4 per cent. Table 26 gives the yield comparisons between HY 320 and check varieties grown on both dry land and under irrigation. Table 27 on page 26 compares the 1984 yields of HY 320 on dry land provincially by soil zones. Results are based on questionnaires completed by growers participating in the contracting program.

**HY 320 Test Marketing Program:** A joint test marketing program was undertaken by the Canadian Wheat Board and the Canadian Grain Commission to eval-

**TABLE 26  
YIELD ADVANTAGE OF HY 320 OVER CHECK  
FIELDS\*  
Grown on Dry Land and under Irrigation in 1984**

	Dryland Percent Yield Advantage	Irrigation Percent Yield Advantage
Manitoba	26.4%	16.7%
Saskatchewan	26.7%	14.9%
Alberta	23.8%	3.3%

**WEIGHTED AVERAGE** 26.4% 7.4%

\* major check varieties: dryland - Columbus and Neepawa  
irrigation - Fielder

uate the acceptability of HY 320 to potential customers for various end products. This program consisted of three main stages. First, using supplies of HY 320 from the 1983 contracting program, preliminary tests were carried out in the Canadian Grain Commission's Grain Research Laboratory to evaluate the milling quality of HY 320 and determine its dough strength, loaf volume, and other baking qualities.

The second stage was to test HY 320 under commercial milling and baking conditions in Canada. A joint Canadian Grain Commission/Canadian Wheat Board working group arranged for a number of Canadian mills, bakeries, and processing plants to take part in this program. The flour produced from these 'mill run' tests was used to make such products as Arabic breads, French-type breads, chapatis, and Chinese steam bread. The purpose was to learn as much as possible about the suitability of HY 320 flour for such products before overseas tests began.

The third and most important stage involved testing HY 320 in overseas markets. Commercial-sized milling and baking tests, using container shipments of 90 to 300 tonnes, were carried out in four countries: Mexico, Brazil, Egypt, and Malaysia. The products produced in these selected countries covered a cross section of the potential markets for HY 320. Laboratory tests on small samples of HY 320 were also carried out in Singapore, Sri Lanka, Indonesia, Poland, Japan, India, and the United Kingdom.

Test results indicated that HY 320 could be acceptable in most countries where flat breads, French (hearth) breads, noodles and steamed bread are consumed. Wheat imports by these countries represent a very significant portion of the world wheat trade today.



**TABLE 27**  
**1984 YIELD COMPARISONS ON DRYLAND BY SOIL ZONES**  
**HY 320 & Check Fields**  
 (Weighted Average)

		Brown	Dark Brown	Thin Black	Thick & Grey Black	Grey Wooded
Gross Yield	HY 320	30.5	37.2	46.5	47.2	46.0
(bus. per acre)	Check	24.6	29.8	36.8	36.5	35.6
Yield advantage						
(HY 320 over check)		24.0%	24.8%	26.4%	29.3%	29.2%

**Guaranteed Delivery Contract Program for Canada Western Soft White Spring Wheat:** A Guaranteed Delivery Contract program for soft white spring wheat was introduced on an experimental basis early in 1984. The purposes were to reflect in delivery opportunity the higher yields of irrigation farmers, and identify and generate larger supplies of low protein soft white spring wheat for Canadian mills and potential overseas customers desiring low protein.

Guaranteed Delivery Contracts were made available to growers in the spring of 1984 on the basis of carlot quantities of 80 tonnes per contract. Each grower was entitled to two such contracts for the 1984-85 crop year. Growers were asked to send in representative samples to determine the protein content of their contract wheat, so that deliveries could be authorized on a protein basis. In total, 2,528 growers received 4,576 contracts and produced approximately 366 000 tonnes of contract soft white spring wheat.

**Soft White Spring Export Standards:** During the 1983-84 crop year, the Canadian Grain Commission assisted the Board by establishing export standards for soft white spring wheat. Previously there were only primary standards. The tighter export specifications that customers are now guaranteed help in marketing this class of wheat.

**Sample Distribution System:** To promote the different types and quality of grain available from Western Canada, samples of nearly all grades were distributed worldwide to mills, importing agencies, grain trading companies, government agencies, etc. During the 1983-84 crop year a total of 120 samples of various grades of wheat, durum, oats, and barley were distributed within Canada, the U.S.A., and 34 other countries.

### Sales Missions

Commissioners and other officials of the Board traveled to a number of countries on sales and market development missions during the year under review. These countries are listed as follows by geographic area:

**Africa & Near East** Algeria, Egypt, Iraq, Kuwait, Libya, Saudi Arabia

**The Americas** Brazil, Mexico, Peru, United States

**Asia** Hong Kong, Japan, Peoples' Republic of China, Philippines, South Korea

**Europe** Austria, Belgium, Federal Republic of Germany, Finland, France, German Democratic Republic, Greece, Hungary, Italy, Malta, Netherlands, Norway, Poland, Romania, Sweden, Switzerland, United Kingdom

### Incoming Mission Program

A mission of four senior officials from the German Democratic Republic visited Canada as guests of the Board. All members of the mission were from the Nahrung Export-Import Agency. The visit gave them the opportunity to observe Canada's grain handling system from farm to seaboard port, as well as a research, quality control and grain processing facilities.

In addition, the Board met with and arranged itineraries and programs for a number of individual and groups from 30 other countries who visited Canada. The success of these programs is dependent in large measure on the active participation and support of the many individuals and organizations that make up the Canadian grain trade. Their assistance and co-operation has contributed greatly to a better understanding of Canada's grain handling system and many other parts of the world.





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### Grain Handbook and Grain Sample Card

The Board prepared and distributed throughout the world 7,500 copies of its "Canadian Grain Handbook". The booklet contains quality data on Canadian export grains, statistical tables and a brief outline of the Board's operations. It is available in six languages — English, French, German, Italian, Japanese and Spanish.

Also given worldwide distribution was the Board's grain samples card, "Western Canadian Grains". The card has samples of various types and grades of wheat, oats and barley grown in Western Canada and brief descriptions of their quality characteristics. Included on the card is a map showing the growing area and export shipping routes for these grains.

### Touring the Wheat Board

There were 68 groups totaling about 1,350 people who toured the Wheat Board's Winnipeg office during the 1983-84 crop year. There were 24 farm groups, 35 international groups, eight educational groups, and one other. They toured the major departments of the Board and operations in each area were discussed.

### CANADIAN INTERNATIONAL GRAINS INSTITUTE

The Wheat Board continued its active support of the Canadian International Grains Institute, jointly funding its operations along with the federal government. During the 1983-84 crop year, the Institute conducted a total of 11 international and bilateral courses in grain handling, marketing and technology for representatives from Canada's existing and potential grain customers. Further details of the Institute's activities are available in its own annual report.

Once again the Board wishes to commend the Institute for its many accomplishments and for the continuing high standards of its educational program.

### LEGAL SERVICES

The Legal Division continued to provide legal assistance to the Board and all its departments, including the drafting of Regulations and Board Orders and the handling of estate and demurrage claims.

It also assisted with the collection of defaulted cash advance accounts in accordance with the federal government's Prairie Grain Advance Payments Act.

During the 1983-84 crop year, 820 accounts were referred to the Legal Division for collection and 108 actions were taken in the Federal Court of Canada.

In addition, 47 bankruptcy files were opened and attended to by the Legal Division for producers who had obtained advance payments under the Prairie Grain Advance Payments Act.

There were 273 convictions in 1983-84. They included violations of Section 17(1)(e) of the Canadian Wheat Board Act for making and accepting deliveries in excess of the quotas established by the Board and Section 20 of the Prairie Grain Advance Payments Act.

### OFFICERS AND STAFF

During the crop year under review, a number of senior positions were filled either by internal transfers and promotions or from external hiring.

Senior appointments made were:

General Counsel	- Mr. H. B. Monk
Solicitor	- Mr. A. Bruun
Director, Information Systems Planning	- Mr. R. M. Gollmer
Director, Computer Services	- Mr. E. J. Motz
Librarian	- Mrs. R. Reedman

The following eight staff members retired from the Wheat Board in 1983-84: Mrs. L. Aspevig, Miss J. Fargher, Mr. C. A. Gusberti, Mrs. P. Huppe, Mr. J. S. Kelly, Mrs. L. Morris, Miss I. Russell, Mr. B. Voyer. Ms. N. Brydges resigned from her position as Librarian. The Board wishes to record its thanks to these former employees for their years of valuable and loyal service.

We regretfully record the deaths in 1983-84 of pensioners Miss M. Munro, Mr. M. McLean and Mr. E. H. Thorne and employee Mr. N. Doerksen. They are sadly missed by all of us.

It is also with great sadness that we record the deaths of Mr. W. Riddel on July 5, 1983, and Mr. W. C. McNamara on April 12, 1984. Mr. Riddel was appointed Commissioner of the Canadian Wheat Board in 1950 and Assistant Chief Commissioner in 1958. He retired in 1965. Mr. McNamara was appointed Commissioner in 1945, Assistant Chief Commissioner in 1947 and he became the Board's Chief Commissioner until his retirement in 1970.





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**TABLE 28**  
**NUMBER OF EMPLOYEES AT JULY 31ST**

Year	Permanent	Temporary	Total
1980	565	79	644
1981	567	69	636
1982	561	71	632
1983	544	72	616
1984	532	102	634

The number of permanent and temporary employees on July 31st of each of the last five years is indicated in Table 28.

#### **BOARD OFFICES**

Branch offices continued to be maintained in Montreal and Vancouver and overseas in London and Tokyo.

## PART V ADVISORY COMMITTEE



The 1983-84 crop year continued with the Advisory Committee which took office in January, 1983, for a four-year term. The Committee consisted of the following eleven members:

District	Name	Address
1	Mr. L. E. Parker	Ste. Agathe, Man.
2	Mr. Brad McDonald	Strathclair, Man.
3	Mr. C. A. Hookenson	Kisbey, Sask.
4	Mr. M. G. W. Halyk	Melville, Sask.
5	Mr. H. Yelland	Porcupine Plain, Sask.
6	Mr. R. R. Atkinson	Landis, Sask.
7	Mr. A. K. Sahl	Mossbank, Sask.
8	Mr. Ted Strain	North Battleford, Sask.
9	Mr. C. F. Thurston	Bow Island, Alta.
10	Mr. K. D. Galloway	Fort Saskatchewan, Alta.
11	Mr. H. A. Dechant	Fairview, Alta.

Mr. R. R. Atkinson and Mr. K. D. Galloway maintained their positions as Chairman and Vice-Chairman respectively until the meeting on June 26, 1984. At that time the Committee reviewed these positions as required by the Canadian Wheat Board Act and Mr. Galloway was elected as Chairman and Mr. M. G. W. Halyk as Vice-Chairman.

The Advisory Committee met in Winnipeg ten times during 1983-84 to review operations with the Board and discuss policy matters concerning producers in Western Canada. The Minister of State for the Canadian Wheat Board, Senator Hazen Argue, attended these meetings a number of times to discuss such issues as countertrade, American farm policy, the domestic feed grain policy and initial price levels. Several meetings involved discussions with officials from other organizations including representatives from the Grain Transportation Authority and the Saskatchewan Hog Marketing Commission and Dr. John J. Schnittker, a Washington consultant and former U.S. Undersecretary of Agriculture. On another occasion, the Committee met with the directors of the Canadian International Grains Institute for a briefing on the Institute's operations and a tour of its facilities.

At the invitation of the Minister, the Advisory Committee spent two days in Ottawa on November 1st and 2nd, 1983, meeting with various government Ministers, Members of Parliament and other officials to consult on such matters as the Prairie Grain Advance Payments Act, the Western Grain Stabilization Plan, the proposed Western Grain Transportation Act and the domestic feed grain policy. Earlier in the crop

year, in August 1983, the Chairman, Mr. Atkinson, and the Vice-Chairman, Mr. Galloway, appeared with the Board in Ottawa before the House of Commons Standing Committee on Transport to present the Committee's position on the proposed Western Grain Transportation Act.

The sub-committee consisting of Messrs. Galloway, Halyk and McDonald, which was established the previous crop year to study the problems faced by producers in years when they are unable to deliver all their production of Board grains, continued its work under the name of the Income and Marketing Opportunities Sub-Committee. It reviewed various proposals submitted to it by farm organizations, governments, and other interested parties. The sub-committee also began to investigate the possibilities of introducing the concept of contracting into barley marketing and continued to look into the matter of providing government support for grain carried over on farms in years when it cannot be moved to market.

For the eighth consecutive year, meetings with producers were held by the Board in the various Committee districts. Each Committee member acted as Chairman for the meeting in his district. A highlight of the program was a presentation on how the Wheat Board manages the Block Shipping System.

The District Meetings were held at the following locations, with two in the very large area of District

District	Location	Date
1	Holland, Man.	Feb. 15, 1984
2	Swan River, Man.	Feb. 23, 1984
3	Carlyle, Sask.	Feb. 17, 1984
4	Leross, Sask.	Feb. 24, 1984
5	Melfort, Sask.	Feb. 21, 1984
6	Rosetown, Sask.	Feb. 14, 1984
7	Assiniboia, Sask.	Feb. 16, 1984
8	Vermilion, Sask.	Mar. 1, 1984
9	Brooks, Alta.	Feb. 22, 1984
10	Red Deer, Alta.	Feb. 21, 1984
11	Peace River, Alta.	Feb. 27, 1984
11	Smoky Lake, Alta.	Feb. 29, 1984

The Board would like to express its appreciation once again to the Committee for its assistance and guidance during the year and particularly to Mr. Atkinson for his many years of devoted service as Chairman.

# PART VI FINANCIAL RESULTS AND NOTES TO FINANCIAL STATEMENTS



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The Financial Statements of the Canadian Wheat Board including notes thereto for the crop year under review are presented in this section of the report. These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1984, together with other statements (Exhibits II to X) showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool

accounts when marketing operations have been completed before the issuance of the annual report. Operations on the 1983-84 Pool Accounts for Wheat, Amber Durum Wheat, Oats, Designated Oats, Barley and Designated Barley were completed on October 31, 1984, and details of the final operating of these pool accounts with commentary thereon are presented in this section of the report.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of Wheat,

**TABLE A — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1983-84 POOL ACCOUNT — WHEAT**  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	<u>20 186 978 tonnes</u>		<u>22 231 894 tonnes</u>	
Sales Value.....	\$3,975,923,801	\$196.955	\$4,209,798,178	\$189.359
Initial payments to producers .....	<u>3,352,896,639</u>	<u>166.092</u>	<u>3,711,880,032</u>	<u>166.962</u>
Gross Surplus .....	<u>623,027,162</u>	<u>30.863</u>	<u>497,918,146</u>	<u>22.397</u>
Deduct Operating Costs:.....				
Carrying charges:.....				
Country elevators .....	89,905,467	4.453	95,374,468	4.290
Terminal storage.....	<u>18,909,270</u>	<u>.937</u>	<u>19,301,107</u>	<u>.868</u>
Total Carrying Charges.....	<u>108,814,737</u>	<u>5.390</u>	<u>114,675,575</u>	<u>5.158</u>
Bank interest & net interest on other				
Board accounts .....	(3,463,630)	(.172)	(18,084,165)	(.813)
Demurrage .....	(435,169)	(.022)	9,094,749	.409
Additional freight - to terminals .....	2,422,929	.120	3,580,308	.161
- freight rate change .....	8,246,530	.409	—	—
Handling & stop-off .....	(49,462)	(.002)	(38,566)	(.002)
Drying .....	1,713,617	.085	788,818	.036
Rental of Hopper Cars .....	—	—	1,749,597	.079
Interest and depreciation on Wheat				
Board hopper cars .....	9,424,620	.467	9,876,572	.444
Wheat Board administrative expenses ..	<u>17,750,708</u>	<u>.879</u>	<u>17,035,075</u>	<u>.766</u>
Total Operating Costs .....	<u>144,424,880</u>	<u>7.154</u>	<u>138,677,963</u>	<u>6.236</u>
Surplus on Operations .....	478,602,282	23.709	359,240,183	16.156
Add: Interest earned after October 31 ..	11,883,105	.588	8,199,780	.366
Deduct: Cost of issuing final payment ..	<u>158,424</u>	<u>.008</u>	<u>183,317</u>	<u>.008</u>
Surplus for Distribution to Producers ...	<u>\$ 400,061,063</u>	<u>\$ 24.289</u>	<u>\$ 367,256,646</u>	<u>\$ 16.520</u>



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4.84183 bushels of Oats or 45.92963 bushels of barley.

## POOL ACCOUNT — WHEAT

### Initial Payments

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$170.00 per tonne for No. 1 Canada Western Red Spring.

### Supplies of Wheat

Supplies of wheat in the 1983-84 Pool were 1 117 075 tonnes, comprised of 20 186 978 tonnes delivered by producers, 85 330 tonnes acquired from other than producers and 844 767 tonnes purchased from the previous pool.

### Grade Pattern

Deliveries of grain to the 1983-84 Pool Account were of considerably higher quality compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 15.029 million tonnes or 74.45 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 3.703 million tonnes amounted to 18.35 per cent of total receipts. Deliveries of Utility grades including Canada Feed amounted to .550 million tonnes or 2.72 per cent of total producer deliveries. Approximately 3.08 per cent of producer deliveries graded tough while 2.2 per cent graded damp.

## Financial Statement of Operations and Surplus for Distribution to Producers — Wheat — Table A

Marketing operations on the Pool Account for Wheat resulted in an operating surplus of \$478,602,282. After allowing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers amounted to \$490,326,963. This represents an average of \$24.289 on producer deliveries of 20 186 978 tonnes. Table B shows the total price realized by producers at \$193.980 for No. 1 CW Red Spring, comparable with \$192.344 for the previous pool.

Table B shows the initial payment, final payment and total prices realized by producers for the principal grades in the 1983-84 Pool Account.

## OPERATING COSTS

Operating costs incurred applicable to the pool were \$144,424,880 or \$7.154 per tonne. Details of the principal costs and comment thereon follows:

### Carrying Charges — \$108,814,737

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators amounted to \$108,814,737 or \$5.390 per tonne.

**TABLE B — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
	(dollars per tonne)		
<b>Red Spring Wheat Grades</b>			
No. 1 Canada Western Red Spring .....	170.00	23.980	193.980
No. 2 Canada Western Red Spring .....	164.21	26.023	190.233
No. 3 Canada Western Red Spring .....	159.21	19.346	178.556
No. 1 Canada Utility .....	155.21	19.346	174.556
No. 2 Canada Utility .....	141.21	22.777	163.987
Canada Feed .....	138.21	7.252	145.462
No. 1 Canada Western Red Winter .....	159.21	19.346	178.556
No. 2 Canada Western Red Winter .....	156.21	20.346	176.556
No. 1 Canada Western Soft White Spring .....	147.21	26.516	173.726
No. 2 Canada Western Soft White Spring .....	144.21	28.516	172.726





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#### **Bank Interest and Net Interest on Other Board Accounts — (\$3,463,630)**

This consists mainly of bank interest and interest paid to or received from other Board accounts. Interest earned exceeded interest paid by \$3,463,630 or \$.172 per tonne.

#### **Additional Freight — to Terminals — \$2,422,929 — Freight Rate Change — \$8,246,530**

During the crop year the Board paid \$2,422,929 of additional freight arising out of the movement of grain in adverse direction.

With the abolition of the Crow's Nest Pass freight rate on December 31, 1983, freight rates increased by approximately 18 per cent on January 1, 1984, and a further increase of approximately 31 per cent on August 1, 1984. The Board was required to pay the additional freight on the country liabilities held by its agents on January 1 and August 1 amounting to \$8,246,530 in the Wheat account.

#### **Drying Charges — \$1,713,617**

Drying charges for 1983-84 totaled \$1,713,617, a substantial increase from the previous year. Although the receipts of tough and damp grain delivered to the pool under review were significantly less than the previous year, a much greater proportion of those deliveries were dried.

#### **Interest and Depreciation on Wheat Board Hopper Cars — \$9,424,620**

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest. Hopper car expenses attributable to the 1983-84 Wheat Account totaled \$9,424,620 compared to \$9,876,572 for the previous pool.

### **POOL ACCOUNT — AMBER DURUM WHEAT**

#### **Initial Payments**

At the beginning of the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$165.00 per tonne for No. 1 Canada Western Amber Durum Wheat. Effective February 20, 1984, the initial price for No. 1 Canada Western Amber Durum Wheat was increased to \$180.00 per tonne.

#### **Supplies of Amber Durum Wheat**

Supplies of Amber Durum Wheat in the 1983-84 Pool were 2 750 330 tonnes, comprised of 2 278 079 tonnes delivered by producers, 8 408 tonnes acquired from other than producers and 463 843 tonnes purchased from the previous pool.

#### **Grade Pattern**

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 2.225 million tonnes or 98.10 per cent of total producer deliveries. The tough and damp grades delivered amounted to .43 per cent of the total receipts.

#### **Final Statement of Operations and Surplus for Distribution to Producers — Amber Durum Wheat — Table C**

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$50,593,695. Operating expenses totaled \$18,591,794 for the year or \$8.16 per tonne. The principal cost was carrying charges amounting to \$13,327,156 or \$5.850 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers was \$51,825,733. This represents an overall average of \$22.750 per tonne on producer deliveries of 2 278 079 tonnes. Table D shows the total payments received by producers for the principal grades of Amber Durum Wheat delivered during the crop year. This table shows the total price realized by producer for No. 1 Canada Western Amber Durum Wheat of \$204.043 per tonne, compared to \$187.445 per tonne for the previous pool.

### **POOL ACCOUNT — OATS**

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted for producers for use in processing and milling for human consumption, has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described here consist mainly of marketing results related to feeding grades of oats.

#### **Initial Payments**

At the beginning of the crop year the Board was authorized to purchase oats from producers at a fixed initial price of \$75.00 per tonne for No. 1 Feed Oats. Effective October 24, 1983, the initial price for No. 1 Feed Oats was increased to \$100.00 per tonne.



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**TABLE C — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1983-84 POOL ACCOUNT — AMBER DURUM WHEAT**  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	2 278 079 tonnes		2 885 156 tonnes	
Sales value .....	\$475,588,757	\$208.767	\$548,665,349	\$190.168
Initial payments to producers .....	406,403,268	178.397	495,730,824	171.821
Gross Surplus .....	69,185,489	30.370	52,934,525	18.347
Product Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	10,884,477	4.778	12,517,284	4.339
Terminal storage .....	2,442,679	1.072	3,619,402	1.254
Total Carrying Charges .....	13,327,156	5.850	16,136,686	5.593
Interest .....	(274,924)	(.120)	1,261,723	.437
Demurrage .....	1,495,075	.656	520,557	.181
Additional freight - to terminals .....	269,658	.118	117,958	.041
- freight rate				
Changes .....	701,687	.308	—	—
Handling & stop-off .....	3,642	.002	882	.000
Shipping .....	2,793	.001	24,232	.008
Rental of Hopper Cars .....	—	—	227,053	.079
Interest and depreciation on Wheat				
Board hopper cars .....	1,063,558	.467	1,281,737	.444
Wheat Board administrative expenses ..	2,003,149	.879	2,210,740	.766
Total Operating Costs .....	18,591,794	8.161	21,781,568	7.549
Surplus on Operations .....	50,593,695	22.209	31,152,957	10.798
Added: Interest earned after October 31 ..	1,256,179	.551	711,077	.247
Product: Cost of issuing final payment ..	24,141	.010	31,230	.011
Surplus for Distribution to Producers ...			\$ 31,832,804	\$ 11.034

**TABLE D — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADE OF AMBER DURUM WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

	Initial Payments	Final Payments	Total
	(dollars per tonne)		
Amber Durum Wheat Grades .....			
N. 1 Canada Western Amber Durum .....	180.00	24.043	199.043
N. 2 Canada Western Amber Durum .....	177.21	21.833	199.043
N. 3 Canada Western Amber Durum .....	175.21	18.833	194.043
N. 4 Canada Western Amber Durum .....	159.21	13.252	172.462
N. 5 Canada Western Amber Durum .....	153.21	—	153.210



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### Grade Pattern

Deliveries of Nos. 1 and 2 Canada Western Oats comprised 1.64 per cent of producer deliveries with feeding grades constituting the remaining 98.36 per cent of total receipts. Board receipts of tough and damp oats made up 6.02 per cent of deliveries.

### Final Statement of Operations and Surplus for Distribution to Producers — Oats — Table E

Table E shows the operating results of the Pool Account for the 1983-84 crop year. Marketing operations resulted in a surplus of \$385,062. Operating expenses totaled \$857,179 or \$15.475 per tonne. The principal cost was carrying charges amounting to \$555,693 or \$10.032 per tonne. After allowing for the

cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers was \$390,765 which represents an overall average of \$7.055 per tonne on producer deliveries of 55 389 tonnes. Table F shows the total payment received by producers for the principal grades of oats delivered during the crop year.

### POOL ACCOUNT — DESIGNATED OATS

Beginning with the crop year commencing on August 1, 1981, oats that have been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the oats for use in pro-

**TABLE E — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1983-84 POOL ACCOUNT — OATS**  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	55 389 tonnes		170 900 tonnes	
Sales value .....	\$ 6,738,895	\$121.664	\$19,152,559	\$112.06
Initial payments to producers .....	5,496,654	99.237	15,287,956	89.45
Gross Surplus .....	1,242,241	22.427	3,864,603	22.61
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	374,439	6.760	1,106,878	6.47
Terminal storage .....	181,254	3.272	460,565	2.69
Total Carrying Charges .....	555,693	10.032	1,567,443	9.17
Interest .....	20,530	.371	225,162	1.31
Additional freight - to terminals .....	177,403	3.203	210,909	1.23
- freight rate				
changes .....	28,989	.523	—	—
Drying .....	—	—	—	—
Rental of Hopper Cars .....	—	—	13,449	.07
Interest and depreciation on Wheat				
Board hopper cars .....	25,859	.467	75,923	.44
Wheat Board administrative expenses ..	48,705	.879	130,952	.76
Total Operating Costs .....	857,179	15.475	2,223,838	13.01
Surplus on Operations .....	385,062	6.952	1,640,765	9.60
Add: Interest earned after October 31 ..	9,560	.173	37,451	.21
Deduct: Cost of issuing final payment ..	3,859	.070	14,727	.08
Surplus for Distribution to Producers ...	\$ 390,765	\$ 7.055	\$ 1,663,489	\$ 9.73





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Processing and milling for human consumption, has been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

#### Initial Payments

At the beginning of the crop year the Board was authorized to purchase Designated Oats from producers at fixed initial prices of \$125.00 and \$123.00 per tonne for Nos. 1 and 2 Canada Western Oats

respectively and \$119.00 per tonne for No. 1 Feed Oats. Effective October 24, 1983, the initial price for Nos. 1 and 2 Canadian Western Oats was increased to \$140.00 and \$138.00 per tonne respectively and \$134.00 per tonne for No. 1 Feed Oats.

#### Supplies and Grade Pattern

Supplies of oats in the designated pool were 40 023 tonnes representing deliveries to the Board by producers during the crop year of oats which were selected and accepted by purchasers for use in pro-

**TABLE F — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF OATS  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Oats Grades</b>			
No. 1 Canada Western	106.00	13.107	119.107
No. 2 Canada Western	104.00	13.232	117.232
Extra No. 1 Feed	102.00	9.807	111.807
No. 1 Feed	100.00	6.607	106.607
No. 2 Feed	95.92	7.687	103.607

**TABLE G — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1983-84 POOL ACCOUNT — DESIGNATED OATS  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison**

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	40 023 tonnes		30 792 tonnes	
Sales value	\$ 6,067,327	\$151.596	\$ 4,472,775	\$145.259
Initial prices paid to producers	—	—	4,225,541	137.230
Gross Surplus	568,567	14.206	247,234	8.029
Deduct Operating Costs:				
Interest and bank charges	(77,206)	(1.929)	(52,229)	(1.696)
Rental of Hopper Cars	—	—	2,423	.079
Interest and depreciation on Wheat Board hopper cars	18,685	.467	13,679	.444
Wheat Board administrative expenses	15,788	.395	23,594	.766
Total Operating Costs	(48,809)	(1.229)	(12,533)	(.407)
Surplus on Operations	519,758	12.977	259,767	8.436
Add: Interest earned after October 31	11,000	.027	5,929	.193
Deduct: Cost of issuing final payment	(11,000)	.027	657	.021
Surplus for Distribution to Producers	\$ 519,758	\$12.977	\$ 265,039	\$ 8.608





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cessing and milling for human consumption. Receipts of Nos. 1 and 2 Canada Western Oats totaled 27 202 tonnes or 67.97 per cent of total deliveries. Feeding grades totaled 12 821 tonnes or 32.03 per cent of total receipts.

#### Final Statement of Operations and Surplus for Distribution to Producers — Designated Oats — Table G

Table G shows the operating results of this Pool Account for the crop year. Marketing operations resulted in a surplus of \$591,895. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature does not incur the handling expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses incurred attributable to such oats were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$53,878 or \$1.346 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$77,206 or \$1.929 per tonne. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers was \$605,979 or \$15.141 per tonne on producer deliveries of 40 023 tonnes. Table H shows the total payment received by producers for the principal grades of Designated Oats delivered during the crop year.

#### POOL ACCOUNT — BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from produc-

ers for the use of malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

#### Initial Payments

At the beginning of the crop year the Board was authorized to purchase barley from producers at a fixed initial price of \$95.00 per tonne for No. 1 Feed Barley. Effective October 24, 1983, the initial price for No. 1 Feed Barley was increased to \$110.00 per tonne.

#### Supplies and Grade Pattern

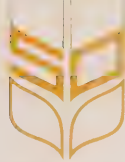
Supplies in the regular Feed Barley pool were 4 031 483 tonnes comprised of 4 007 756 tonnes delivered by producers and 23 727 tonnes acquired from other than producers. Deliveries of Nos. 1 and 2 Feed Barley comprised 98.67 per cent of the producer deliveries in the pool. Board receipts of tough and damp barley made up 4.41 per cent of deliveries.

#### Final Statement of Operations and Surplus for Distribution to Producers — Barley — Table I

Table I shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$110,509,643. Operating expenses totaled \$7,999,538 for the year or \$1.99 per tonne. The principal cost was carrying charge, amounting to \$6,929,501 or \$1.729 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers was \$113,185,268. This represents an overall average

**TABLE H — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF DESIGNATED OATS  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Oats Grades</b>			
No. 1 Canada Western .....	140.00	16.832	156.83
No. 2 Canada Western .....	138.00	16.832	154.83
Extra No. 1 Feed .....	136.00	12.332	148.33
No. 1 Feed .....	134.00	10.332	144.33
No. 2 Feed .....	130.00	12.332	142.33



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**TABLE I — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1983-84 POOL ACCOUNT — BARLEY**  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	4 007 756 tonnes		4 574 888 tonnes	
Sales value .....	\$557,270,427	\$139.048	\$517,403,578	\$113.097
Initial payments to producers .....	438,761,246	109.478	500,382,278	109.376
Gross Surplus .....	118,509,181	29.570	17,021,300	3.721
Deduct Operating Costs: .....				
Carrying charges: .....				
Country elevators .....	4,683,339	1.169	11,634,461	2.543
Terminal storage .....	2,246,162	.560	2,827,574	.618
Total Carrying Charges .....	6,929,501	1.729	14,462,035	3.161
Interest .....	(7,543,393)	(1.882)	(265,115)	(.058)
Demurrage .....	1,941,439	.484	1,031,954	.226
Additional freight - to terminals .....	902,833	.225	1,266,470	.277
- freight rate .....				
Changes .....	207,308	.052	—	—
Handling & stop-off .....	(108,820)	(.027)	(33,710)	(.007)
Drying .....	275,505	.069	205,978	.045
Rental of Hopper Cars .....	—	—	360,030	.079
Interest and depreciation on Wheat .....				
Board hopper cars .....	1,871,085	.467	2,032,403	.444
Wheat Board administrative expenses ..	3,524,080	.879	3,505,490	.766
Total Operating Costs .....	7,999,538	1.996	22,565,535	4.933
Surplus (Deficit) on Operations .....	110,509,643	27.574	\$(5,544,235)	\$(1.212)
Add: Interest earned after October 31 ..	2,743,818	.685		
Deduct: Cost of issuing final payment ..	68,193	.017		
Surplus for Distribution to Producers ...	\$113,185,268	\$ 28.242		

**TABLE J — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF BARLEY  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Barley Grades</b> .....			
lo. 1 Canada Western Six-Row .....	112.93	28.593	141.523
lo. 2 Canada Western Six-Row .....	111.93	28.593	140.523
lo. 2 Canada Western Two-Row .....	111.93	28.593	140.523
o. 1 Feed .....	110.00	28.023	138.023
o. 2 Feed .....	107.43	29.903	137.333



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of \$28.242 per tonne on producer deliveries of 4 007 756 tonnes. Table J shows the total payment received by producers for No. 1 Feed Barley as \$138.023 per tonne.

#### POOL ACCOUNT — DESIGNATED BARLEY

As stated previously, since August 1, 1975, barley that has been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the barley for the use of malting, pot or pearling, has been set up in a separate Pool Account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

#### Initial Payments

During the crop year the Board was authorized to purchase Designated Barley from producers at a fixed initial price of \$140.00 per tonne for No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row.

#### Supplies and Grade Pattern

Supplies of barley in the designated pool were 1 004 377 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for the use of malting, pot or pearling. Of these receipts 753 804 tonnes or 75.05 per cent were row grades and 250 573 tonnes or 24.95 per cent were feeding grades. Receipts of tough and damp grades totaled 6 030 tonnes or .60 per cent of total.

#### Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table K

Table K shows the operating results of this Pool Account for the crop year. Marketing operations resulted in a surplus of \$31,381,262. As to operating costs, it should be noted that the Designated Barley by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's sample and is shipped on buyer's call directly from farm to

**TABLE K — STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1983-84 POOL ACCOUNT — DESIGNATED BARLEY**  
For the period August 1, 1983, to October 31, 1984  
with prior year figures for the 1982-83 Pool Account for comparison

	1983-84 Pool Account		1982-83 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers.....	1 004 377 tonnes		1 029 868 tonnes	
Sales value .....	\$168,836,744	\$168.101	\$169,135,392	\$164.230
Initial payments to producers .....	139,939,761	139.330	161,381,046	156.70
Gross Surplus .....	28,896,983	28.771	7,754,346	7.529
Deduct Operating Costs: .....				
Interest .....	(3,836,353)	(3.819)	(2,063,962)	(2.00)
Rental of Hopper Cars .....	—	—	81,047	.07
Interest and depreciation on Wheat Board hopper cars .....	468,910	.467	457,521	.44
Wheat Board administrative expenses ..	883,164	.879	789,132	.76
Total Operating Costs .....	(2,484,279)	(2.473)	(736,262)	(.71)
Surplus on Operations .....	31,381,262	31.244	8,490,608	8.24
Add: Interest earned after October 31 ..	779,158	.776	193,801	.18
Deduct: Cost of issuing final payment ..	10,940	.011	13,485	.01
Surplus for Distribution to Producers ...	\$ 32,149,480	\$ 32.009	\$ 8,670,924	\$ 8.41



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processing plant via the country elevator. As a result the only expenses incurred attributable to such barley were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$1,352,074 or \$1.346 per tonne. These expenses were more than offset by interest earnings on the accumulating surplus in the pool of \$3,836,353 or \$3.819 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1984, the net surplus for distribution to producers was \$32,149,480 or \$32.009 per tonne on

producer deliveries of 1 004 377 tonnes. This is compared to \$8,670,924 or \$8.419 per tonne for the previous year. Table L shows the total payment received by producers for the principal grades of Designated Barley. The final return to producers for deliveries of No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row was \$168.085 and \$176.625 respectively, compared to \$163.377 and \$169.036 for these two grades respectively in the previous pool.

**TABLE L — TOTAL PAYMENTS RECEIVED BY PRODUCERS  
FOR PRINCIPAL GRADES OF DESIGNATED BARLEY  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	<u>Initial Payments</u>	<u>Final Payments</u> (dollars per tonne)	Total
<b>Designated Barley Grades</b>			
No. 1 Canada Western Six-Row	141.27	27.815	169.085
No. 2 Canada Western Six-Row	140.00	28.085	168.085
No. 1 Canada Western Two-Row	141.27	37.626	178.896
No. 2 Canada Western Two-Row	140.00	36.625	176.625
No. 1 Feed	136.77	30.215	166.985
No. 2 Feed	134.77	28.815	163.585





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## NOTES TO FINANCIAL STATEMENTS

The following are an integral part of the financial statements.

### (1) ACCOUNTING POLICIES

#### (a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31 when marketing operations have been completed before the issuance of the annual report for that year. In determining the surpluses available for distribution on such pools the accounts of the Board at July 31 include:

- (i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and
- (ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

For pool accounts for which marketing operations have not been completed before the issuance of the annual report, the unsold stocks at July 31 are valued at cost, which is the initial price paid to producers, and no provision is made for carrying costs, interest, and administrative expenses beyond that date. Any debit or credit balance in these accounts is carried on the balance sheet.

#### (b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date, as is also the liability for debentures repayable in United States funds.

Foreign exchange adjustments arising from conversion of bills of exchange and bank loans

are included in operating results. Adjustments arising from conversion of debenture debt are amortized over the term of the debentures.

#### (c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over the expected lives and are as follows:

Hopper cars .....	30 years
Office building .....	40 years
Office furniture and equipment .....	10 years
Automotive equipment .....	2 years
(to ⅓ residual value)	

#### (d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers are allocated to the various pool accounts on the basis of the relative tonnage. Expense attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

### (2) BILLS OF EXCHANGE PLUS ACCRUED INTEREST

Of the total bills of exchange receivable \$1,330,848,725 (1983 — \$962,977,686) represents the Canadian equivalent of \$1,016,302,911 (1983 — \$780,940,464) repayable in United States funds.

The balances receivable arise from sales of grain to Brazil, Egypt, German Democratic Republic, Haiti, Iraq, Israel, Mexico, Jamaica, Peru, Poland and Zambia. The terms call for payment in full within 36 months or less from time of shipment, except for Poland, Peru and Zambia where the Board, together with the Canadian Government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within eight years. As at July 31, total reschedulings amounted to \$155,242,824 including \$38,339,041 which is the Canadian equivalent of \$29,570,040 receivable in United States currency. Subsequent to year end, the Government of Canada and other creditors



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nations agreed to a further rescheduling of Zambian debt that had earlier been rescheduled. Included in the reschedulings referred to earlier in this paragraph is \$5,981,939 which will form part of this further rescheduling.

Besides rescheduling certain obligations that matured during 1981, Poland has not made payment of any principal and interest amounts that matured in the period January 1, 1982, to the close of the current crop year. As at July 31, 1984, unpaid amounts totaled \$1,165,761,318 which includes the Canadian equivalent of \$338,333,491 receivable in United States funds. It is expected that all unpaid amounts maturing during the 1982, 1983 and 1984 calendar years, amounting to \$1,366,860,889 including the Canadian equivalent of \$526,409,691 receivable in United States funds will be the subject of a further rescheduling agreement in early 1985 in accordance with the multi-lateral arrangement concluded between Poland and official creditors.

During the crop year the Government of Canada and other creditor nations agreed to reschedule over an eight year period certain obligations owing by Brazil. The Board, together with the Government of Canada, concluded the bilateral Rescheduling Agreement subsequent to the year end. The accounts of the Board at July 31, 1984, include \$316,109,424 which was subject to rescheduling under this agreement.

Also, during the crop year the Board, together with Government of Canada agreed to regularized payments from Haiti of amounts that had fallen into arrears. The accounts of the Board at July 31, 1984, included \$11,634,610 which will be repaid in regular equal monthly payments. This amount is expected to be fully repaid within 36 months.

Subsequent to year end the Government of Canada and other creditor nations agreed to reschedule over a nine-year period certain obligations owing by Jamaica. The accounts of the Board at July 31, 1984, include \$6,846,942 which will be subject to rescheduling under this arrangement.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest.

### (3) ACCOUNTS RECEIVABLE

Settlement on amounts due from Board agents on sales completed as at July 31 were received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

### (4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of \$90,555,623 with accumulated depreciation of \$13,443,561 to July 31, 1984. Of these 2,000 cars, 21 cars have been wrecked and dismantled leaving 1,979 still in the fleet as at the year end. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

### (5) LIABILITY TO BANKS

Details of bank borrowings are as follows:

	July 31	
	1984	1983
Ordinary		
Operations	\$150,914,705	\$82,219,221
Loans to finance		
credit sales	3,012,037,450	2,350,452,449
	<u>\$3,162,952,155</u>	<u>\$2,432,671,670</u>

Of the total liability \$1,329,541,729 (1983 — \$962,313,138) represents the Canadian equivalent of \$1,015,304,871 (1983 — \$780,401,539) repayable in United States funds.

The Board's borrowings from chartered banks are guaranteed by the Government of Canada.

### (6) DEBENTURES PAYABLE

The debentures with a face value of U.S. \$50,000,000 were issued on December 1, 1982, at a price of \$99.50 per \$100, and bear interest at 11 ¼ per cent per annum payable each December 1. No principal repayments are required until maturity on December 1, 1990. Under certain circumstances the Board may redeem the debentures in whole or in part prior to maturity. Depending upon the particular circumstances giving rise to any early redemption, a premium may be payable on the principal amount redeemed.

The debentures are secured by a charge against grain held by the Board.



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**(7) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS**

Grain companies acting in the capacity of agents of the Board accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its Agents at terminal or mill position. Liability to agents amounting to \$826,390,827 (1983 — \$1,098,454,073) represents the amount payable by the Board to its agents for 5 064 789 (1983 — 6 980 841) tonnes of wheat, amber durum wheat, oats and barley on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year end date.

**(8) LIABILITY TO AGENTS FOR DEFERRED CASH TICKETS**

Grain companies as agents of the Board deposit with the Board in trust the proceeds of deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer deferred cash tickets maturing predominately during the first days of the following calendar year.

**(9) ACCRUED EXPENSES AND ACCOUNTS PAYABLE**

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1984, together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of Pool Accounts for wheat, amber durum wheat, oats, designated oats, barley

and designated barley for the period from August 1, 1984, to completion of operations on October 31, 1984.

**(10) SPECIAL ACCOUNT — NET BALANCE OF UNDISTRIBUTED PAYMENT ACCOUNTS**

In accordance with the provision of Section 30 of the Canadian Wheat Board Act the Governor in Council may authorize the Board to transfer to a Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council upon the recommendations of the Board may deem to be for the benefit of producers.

**(11) PROVISION FOR FINAL PAYMENT EXPENSES**

This represents the balance of the Board's reserve for final payment expenses of pool accounts that have been closed. Six years after particular accounts have been closed, the remaining reserves for these pools are transferred to the special account by Order-in-Council.

**(12) LEASE COMMITMENTS**

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the Government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1984, amounting to \$16,166,224 (1983 — \$16,272,614) have been recovered by the Board. Lease terms are for 20 and 25 years.



## ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS  
Chief Commissioner

R. L. KRISTJANSON  
Assistant Chief Commissioner

F. M. HETLAND  
Commissioner

J. L. LEIBFRIED  
Commissioner

W. H. SMITH  
Commissioner





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**July 31, 1984**

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Balance Sheet

### **Exhibit II**

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### **Exhibit III**

Statement of Operations, 1983-84 Pool Account —  
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Statement of Operations, 1983-84 Pool Account —  
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### **Exhibit V**

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Statement of Operations, 1983-84 Pool Account —  
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Statement of Administrative and General Expenses  
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Statement of Advance Payments to Producers under  
the Prairie Grain Advance Payments Act

### **Exhibit X**

Statement of Special Account Transactions

## **AUDITOR'S REPORT**



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# BALANCE SHEET AS AT JULY 31, 1984

(with prior year figures for comparison)

	1984	1983
<b>ASSETS</b>		
Stocks of grain:		
— Wheat .....	\$1,349,117,354	\$1,295,013,740
— Durum .....	122,731,578	201,247,589
— Oats .....	2,182,760	13,055,599
— Designated Oats .....	93,890	333,330
— Barley .....	52,713,112	144,198,070
— Designated Barley .....	7,686,258	18,578,199
	<u>1,534,524,952</u>	<u>1,672,426,527</u>
Bills of exchange plus accrued interest (Note 2) .....	3,202,275,567	2,373,094,258
Accounts receivable (Note 3)		
Due from Board Agents on completed sales .....	166,927,017	105,871,073
Sundry .....	30,883,405	33,628,844
Prairie Grain Advance Payments Act .....	7,682,214	18,268,555
Due from the Government of Canada re deficit on Pool Account operations:		
1982-83 Pool Account — Barley .....	—	5,544,235
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation .....	2,162,188	2,272,326
Covered hopper cars, at cost less depreciation (Note 4) .....	76,161,228	79,507,901
Office furniture, equipment and automobiles, at cost less depreciation ..	1,004,198	956,898
Deferred and prepaid expenses .....	<u>8,229,251</u>	<u>5,249,955</u>
	<u>\$5,029,850,020</u>	<u>\$4,296,820,572</u>

# THE CANADIAN WHEAT BOARD



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1983

## LIABILITIES

Liability to Banks (Note 5).....		\$2,432,671,670
Debentures payable (Note 6).....	61,655,000	61,655,000
Liability to agents for grain purchased from producers (Note 7).....	1,098,454,073	1,098,454,073
Liability to agents for deferred cash tickets (Note 8).....	222,888,349	222,888,349
Accrued expenses and accounts payable (Note 9).....	66,229,446	66,229,446
Outstanding adjustment and final payment cheques to producers:		
— Wheat .....	487,741	487,741
— Durum .....	37,386	37,386
— Oats .....	615	615
— Designated Oats .....	2,381	2,381
— Barley .....	81,136	81,136
— Designated Barley .....	29,368	29,368
Special Account — net balance of undistributed payment accounts (Note 10).....		6,858,057
Provision for final payment expenses (Note 11).....		6,641,070
Surpluses resulting from operations:		
Pool Account:		
— Wheat .....	359,240,183	359,240,183
— Durum .....	31,152,957	31,152,957
— Oats .....	1,640,765	1,640,765
— Designated Oats .....	259,767	259,767
— Barley .....	110,509,648	110,509,648
— Designated Barley .....	8,490,608	8,490,608
	\$5,029,850,020	\$4,296,820,572





1983-84 POOL ACCOUNT — WHEAT

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for the 1982-83 Pool Account for comparison)

Wheat acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Wheat .....

Wheat sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Wheat .....

Surplus on Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Wheat stored in country elevators .....  
Storage on Wheat stored in terminal elevators .....

Interest, bank charges and net interest on other Board accounts .....  
Demurrage .....  
Additional freight — Wheat shipped from country stations to terminal position .....  
— freight rate changes .....  
Handling and stop-off on Wheat warehoused at interior terminals .....  
Drying charges .....  
Rental of hopper cars .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Wheat, for the period from  
August 1, 1983, to October 31, 1984 .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1983-84		1982-83	
Tonnes	Amount	Tonnes	Amount
20 186 978		22 231 894	\$3,711,880,032
85 330	14,532,873	85 591	14,665,163
844,767	153,715,767	268 018	43,661,082
21 117 075	3,521,145,279	22 585 503	3,770,206,277
1 210 094		1 376 632	
12 974 962		14 126 166	
10 160		(377)	
14 195 216	2,795,055,087	15 502 421	2,973,110,683
403 268		398 506	
6 036 131		5 839 809	
482 460		844,767	
6 921 859		7 083 082	1,295,013,740
21 117 075	4,144,172,441	22 585 503	4,268,124,423
	623,027,162		497,918,146
	89,905,467		95,374,468
	18,909,270		19,301,107
	108,814,737		114,675,575
	(3,463,630)		(18,084,165)
	(435,169)		9,094,749
	2,422,929		3,580,308
	8,246,530		(38,566)
	(49,462)		788,818
	1,713,617		1,749,597
	9,424,620		9,876,572
	17,750,708		17,035,075
	144,424,880		138,677,963
	\$478,602,282		\$359,240,183



1935-1985

## 1983-84 POOL ACCOUNT — AMBER DURUM WHEAT

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for the 1982-83 Pool Account for comparison)

### Durum acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Durum .....

### Durum sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:

Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Durum .....

Surplus on Amber Durum Wheat transactions .....

### Operating costs:

#### Carrying charges:

Carrying charges on Durum stored in country elevators .....  
Storage on Durum stored in terminal elevators .....

Interest and bank charges .....

Demurrage .....

Additional freight — Durum shipped from country stations to terminal position .....  
— freight rate changes .....

Handling and stop-off on Durum warehoused at interior terminals .....

Drying charges .....

Rental of hopper cars .....

Interest and depreciation on Wheat Board hopper cars .....

Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Durum, for the period from  
August 1, 1983, to October 31, 1984 .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1983-84

<u>Tonnes</u>	<u>Amount</u>
2 278 079	\$406,403,268
8 408	1,496,395
463 843	90,544,238
<u>2 750 330</u>	<u>498,443,901</u>

86 034	
2 061 514	
2 749	
<u>2 150 297</u>	<u>444,897,812</u>

28 876	
571 157	
—	
<u>600 033</u>	<u>122,731,578</u>
<u>2 750 330</u>	<u>567,629,390</u>
	<u>69,185,489</u>

10,884,477
2,442,679
13,327,156
(274,924)
1,495,075
269,658
701,687
3,642
2,793
—
1,063,558
2,003,149
<u>18,591,794</u>

\$ 50,593,695

1982-83

<u>Tonnes</u>	<u>Amount</u>
2 885 156	\$495,730,824
8 894	1,523,289
133 446	23,662,942
<u>3 027 496</u>	<u>520,917,055</u>

81 576	
1 912 646	
12 149	
<u>2 006 371</u>	<u>372,603,991</u>

28 728	
528 554	
463 843	
<u>1 021 125</u>	<u>201,247,589</u>
<u>3 027 496</u>	<u>573,851,580</u>
	<u>52,934,525</u>

12,517,284
3,619,402
16,136,686
1,261,723
520,557
117,958
—
882
24,232
227,053
1,281,737
2,210,740
<u>21,781,568</u>

\$31,152,957





1935-1985

1983-84 POOL ACCOUNT — OATS

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for the 1982-83 Pool Account for comparison)

Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Purchased from prior year Pool Account — Oats .....	
Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Weight losses in transit and in drying .....	
Oats stocks — being Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for period subsequent to July 31 .....	
Sale to subsequent Pool Account — Oats .....	
Surplus on Oats transactions .....	
Operating costs:	
Carrying charges:	
Carrying charges on Oats stored in country elevators .....	
Storage on Oats stored in terminal elevators .....	
Interest and bank charges .....	
Additional freight — Oats shipped from country stations to terminal position .....	
— freight rate changes .....	
Drying charges .....	
Rental of hopper cars .....	
Interest and depreciation on Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus (Deficit) on operations of the Board on the Pool Account — Oats, for the period from August 1, 1983, to October 31, 1984 .....	

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1983-84		1982-83	
Tonnes	Amount	Tonnes	Amount
55 389	\$ 5,496,654	170 900	\$15,287,956
43 173	4,959,168	32 024	3,426,701
98 562	10,455,822	202 924	18,714,657
78 012	9,515,302	87 151	9,523,661
		13	—
4 181	396,859	72 587	8,096,431
16 369	1,785,902	43 173	4,959,168
98 562	11,698,063	202 924	22,579,260
	1,242,241		3,864,603
	374,439		1,106,878
	181,254		460,565
	555,693		1,567,443
	20,530		225,162
	177,403		210,909
	28,989		—
	—		13,449
	25,859		75,923
	48,705		130,952
	857,179		2,223,838
	\$ 385,062		\$1,640,765



1935-1985

1983-84 POOL ACCOUNT — DESIGNATED OATS

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for 1982-83 Pool Account for comparison)

Designated Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Designated Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Designated Oats stocks — being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31 .....	
Surplus on Designated Oats transactions .....	
Operating costs:	
Interest .....	
Rental of hopper cars .....	
Interest and depreciation on Canadian Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus on operations of the Board on the Pool Account — Designated Oats, for the period from August 1, 1983, to October 31, 1984 .....	

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1983-84		1982-83	
Tonnes	Amount	Tonnes	Amount
40 023	\$ 5,498,760	30 792	\$4,225,541
39 429	5,973,437	28 425	4,139,445
594	93,890	2 367	333,330
40 023	6,067,327	30 792	4,472,775
	568,567		247,234
	(77,206)		(52,229)
	—		2,423
	18,685		13,679
	35,193		23,594
	(23,328)		(12,533)
	\$ 591,895		\$ 259,767





1935-1985

## 1983-84 POOL ACCOUNT — BARLEY

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for the 1982-83 Pool Account for comparison)

### Barley acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account — Barley .....

### Barley sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill .....  
Weight losses in transit and in drying .....  
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Complete sales for the period subsequent to July 31 .....

Surplus on Barley transactions .....

### Operating costs:

#### Carrying charges:

Carrying charges on Barley stored in country elevators .....  
Storage on Barley stored in terminal elevators .....

Interest and bank charges .....

Demurrage .....

Additional freight — Barley shipped from country stations to terminal position .....  
— freight rate changes

Handling and stop-off on Barley warehoused at interior terminals .....

Drying charges .....

Rental of hopper cars .....

Interest and depreciation on Wheat Board hopper cars .....

Wheat Board administrative and general expenses .....

Surplus (Deficit) on operations of the Board on the Pool Account — Barley, for the period  
from August 1, 1983, to October 31, 1984 .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1983-84		1982-83	
Tonnes	Amount	Tonnes	Amount
4 007 756	\$438,761,246	4 574 888	\$500,382,278
23 728	2,602,169	21 280	2,349,085
—	—	392 351	45,855,958
4 031 484	441,363,415	4 988 519	548,587,321
3 673 279	507,159,484	3 718 622	421,410,551
2 034	—	2 581	—
356 171	52,713,112	1 267 316	144,198,070
4 031 484	559,872,596	4 988 519	565,608,621
	118,509,181		17,021,300
	4,683,339		11,634,461
	2,246,162		2,827,574
	6,929,501		14,462,035
	(7,543,393)		(265,115)
	1,941,439		1,031,954
	902,833		1,266,470
	207,308		—
	(108,820)		(33,710)
	275,505		205,978
	—		360,030
	1,871,085		2,032,403
	3,524,080		3,505,490
	7,999,538		22,565,535
	\$110,509,643		\$( 5,544,235)



1935-1985

1983-84 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1983, to completion of operations on October 31, 1984  
(with prior year figures for the 1982-83 Pool Account for comparison)

Designated Barley acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Designated Barley sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver.....	
Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31 .....	
Surplus on Designated Barley transactions .....	
Operating costs:	
Interest .....	
Rental of hopper cars .....	
Interest and depreciation on Canadian Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
Surplus on operations of the Board on the Pool Account—Designated Barley, for the period from August 1, 1983, to October 31, 1984 .....	

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1983-84		1982-83	
Tonnes	Amount	Tonnes	Amount
<u>1 004 377</u>	<u>\$139,939,761</u>	<u>1 029 868</u>	<u>\$161,381 046</u>
959 264	161,150,487	916 292	150,557,193
45 113	7,686,257	113 576	18,578,199
<u>1 004 377</u>	<u>168,836,744</u>	<u>1 029 868</u>	<u>169,135,392</u>
	28,896,983		7,754,346
	(3,836,353)		(2,063,962)
	468,910		81,047
	883,164		457,521
	<u>(2,484,279)</u>		<u>789,132</u>
			(736,262)
	\$ 31,381,262		\$ 8,490,608





1935-1985

## STATEMENT OF ADMINISTRATIVE AND GENERAL

For the year ended July 31, 1983  
(with prior year figures for comparison)

Administrative and General Expenses:	1983-84	1982-83
Salaries — Board members, officers and staff .....	\$14,686,316	\$14,247,061
Unemployment insurance, pension, group insurance, medical & other employee benefits .....	1,735,497	1,604,101
Manitoba Health and Education Tax .....	212,116	55,292
Advisory Committee—travelling expenses and per diem allowances .....	76,758	177,816
Rental & lighting of offices including maintenance of The Canadian Wheat Board Building .....	1,475,438	1,363,598
Telephones—exchange service & long distance calls .....	368,022	301,358
Telegrams, cables & telex expense .....	160,557	154,419
Postage .....	666,414	635,741
Printing, stationery & supplies .....	642,284	468,038
Annual report, mini report & "Grain Matters", etc. ....	152,638	140,321
District meetings .....	16,588	16,666
Office expense .....	692,626	634,247
Travelling & transfer of staff .....	760,513	757,273
Travelling expenses—inspectors .....	217,726	157,341
Legal fees and court costs .....	28,791	49,760
Audit fees .....	91,000	80,000
Computing equipment—rental & sundries .....	1,725,593	2,268,613
Repair & upkeep of office machines & equipment .....	67,923	48,663
Grain market publications & services .....	75,726	85,335
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute .....	822,506	843,166
Bonds and insurance .....	27,792	25,839
Winnipeg Commodity Exchange dues .....	12,670	12,670
Depreciation on building, furniture, equipment & automobiles .....	352,402	289,250

# THE CANADIAN WHEAT BOARD



1935-1985

## EXPENSES AND ALLOCATIONS TO OPERATIONS

### Allocations to Operations:

	1983-84	1982-83
1. Marketing of Producers' Grain		
1983-84 Pool Account—Wheat .....	\$ 9,527,401	
1983-84 Pool Account—Durum .....	1,075,158	
1983-84 Pool Account—Oats .....	26,141	
1983-84 Pool Account—Designated Oats .....	18,289	
1983-84 Pool Account—Barley .....	1,891,493	
1983-84 Pool Account—Designated Barley .....	474,024	
1982-83 Pool Account—Wheat .....	7,689,324	
1982-83 Pool Account—Durum .....	997,889	
1982-83 Pool Account—Oats .....	59,109	
1982-83 Pool Account—Designated Oats .....	10,659	
1982-83 Pool Account—Barley .....	1,582,316	
1982-83 Pool Account—Designated Barley .....	356,200	
	23,708,599	22,884,213
2. Distributing Final Payments to Producers		
(a) Wheat & Durum		
1982-83 Pool Account—Wheat .....	181,613	
1982-83 Pool Account—Durum .....	30,252	
1981-82 Pool Account—Wheat .....	32,244	
1981-82 Pool Account—Durum .....		
1980-81 Pool Account—Wheat .....	10,111	
1980-81 Pool Account—Durum .....	1,379	
1979-80 Pool Account—Wheat .....	3,727	
1979-80 Pool Account—Durum .....	509	
1978-79 Pool Account—Wheat .....	4,963	
1978-79 Pool Account—Durum .....	675	
1977-78 Pool Account—Wheat .....	3,765	
	274,765	337,419
(b) Coarse Grains		
1982-83 Pool Account—Oats .....	15,588	
1982-83 Pool Account—Designated Oats .....	1,044	
1982-83 Pool Account—Designated Barley .....	24,773	
1981-82 Pool Account—Designated Oats .....	2,563	
1981-82 Pool Account—Barley .....	18,192	
1981-82 Pool Account—Designated Barley .....	2,825	
1980-81 Pool Account—Oats .....	1,184	
1980-81 Pool Account—Barley .....	4,255	
1980-81 Pool Account—Designated Barley .....	751	
1979-80 Pool Account—Barley .....	3,294	
1979-80 Pool Account—Designated Barley .....	580	
1978-79 Pool Account—Oats .....	2,225	
1978-79 Pool Account—Barley .....	3,223	
1978-79 Pool Account—Designated Barley .....	570	
1977-78 Pool Account—Barley .....	2,947	
1977-78 Pool Account—Designated Barley .....	518	
	84,532	194,936
3. Allocation authorized by Order-In-Council from Special Account		
— Undistributed Payment Accounts in partial payment of		
Administrative and General Expense incurred in respect of the		
Prairie Grain Advance Payments Act	1,000,000	1,000,000
	\$25,067,896	\$24,416,568



1935-1985

## STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1984

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year .....	\$35,203,467	\$35,200,848	\$2,619
1958-59 Crop Year .....	34,369,653	34,366,768	2,885
1959-60 Crop Year .....	38,492,505	38,490,056	2,449
1960-61 Crop Year .....	63,912,550	63,904,499	8,051
1961-62 Crop Year .....	16,656,713	16,651,008	5,705
1962-63 Crop Year .....	29,251,526	29,245,974	5,552
1963-64 Crop Year .....	62,136,418	62,129,676	6,742
1964-65 Crop Year .....	32,961,844	32,955,723	6,121
1965-66 Crop Year .....	40,600,386	40,596,508	3,878
1966-67 Crop Year .....	36,668,270	36,664,915	3,355
1967-68 Crop Year .....	47,280,533	47,277,264	3,269
1968-69 Crop Year .....	151,852,319	151,770,634	81,685
1969-70 Crop Year .....	272,777,516	272,473,427	304,089
1970-71 Crop Year .....	91,105,890	91,076,240	29,650
1971-72 Crop Year .....	68,142,360	68,104,534	37,826
1972-73 Crop Year .....	20,754,104	20,743,090	11,014
1973-74 Crop Year .....	35,259,387	35,219,656	39,731
1974-75 Crop Year .....	46,635,399	46,589,871	45,528
1975-76 Crop Year .....	20,236,528	20,207,943	28,585
1976-77 Crop Year .....	130,592,220	130,465,864	126,356
1977-78 Crop Year .....	119,090,916	118,894,716	196,200
1978-79 Crop Year .....	151,316,450	151,179,603	136,847
1979-80 Crop Year .....	99,146,581	99,047,547	99,034
1980-81 Crop Year .....	61,640,150	61,583,361	56,789
1981-82 Crop Year .....	333,688,190	332,967,794	720,396
1982-83 Crop Year .....	309,022,755	306,786,235	2,236,520
1983-84 Crop Year .....	286,736,519	273,889,385	12,847,134
	<u>\$2,635,531,149</u>	<u>\$2,618,483,139</u>	
Balance to be refunded by Producers as at July 31, 1984 .....			17,048,010
Add:			
Bank interest to July 31, 1984, payable by the Government of Canada .....		99,514,152	
Less: Amount paid to July 31, 1984 .....		<u>99,050,442</u>	463,710
			17,511,720
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada .....		1,101,703	
Line Elevator Companies .....		72,834	
Interest received on default payments .....		<u>8,654,969</u>	9,829,506
Owing to The Canadian Wheat Board as at July 31, 1984 .....			<u>\$ 7,682,214</u>



1935-1985

## STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

the year ended July 31, 1984

Balance of Special Account as at July 31, 1983

\$5,790,754

Transfer to Special Account authorized by Order-in-Council P.C. 1984-2688 from the following:

1976 Wheat Payment and Adjustment Payment Account .....	\$383,951	
1976 Oats Payment and Adjustment Payment Account .....	39,437	
1976 Barley Payment and Adjustment Payment Account .....	302,925	
1976 Designated Barley Payment Account .....	158,123	884,436
		<u>7,742,493</u>

Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1983	Authorized Crop Year 1983-84	Unexpended as at July 31, 1984	Expended, Crop Year 1983-84
1984-2690	Customer Mission Program .....	\$ 150,740	\$ 200,000	\$ 282,951	\$ 67,789
1984-2689	General Promotion & Overseas Advertising .....	86,838	150,000	124,454	112,384
1984-2642	Market Development .....	—	500,000	500,000	—
1984-1185	50th Anniversary .....	—	250,000	224,226	25,774
1983-3764	Canadian HY320 Wheat Testing Program .....	—	267,000	28,298	238,702
1983-2007	Canadian International Grains Institute Capital Expenditures .....	150,000	—	86,288	63,712
1983-2006	Market Development 1983-84 .....	179,736	—	—	179,736
1983-2003	Joint Policy Co-ordinating Committee of Can. & U.S. Wheat Producers .....	100,000	—	90,030	9,970
1983-806	Prairie Grain Advance Payments Act — Administration .....	2,000,000	—	1,000,000	1,000,000
1982-2464	Market Development 1982-83 .....	85,751	—	75,650	10,101
1981-3517	Remote Sensing Crop Monitoring Project .....	20,312	—	20,312	—
1981-3436	Scholarship & Assistantship Program .....	129,284	150,716	36,517	243,483
1980-669 .....	Prairie Production Symposium	25,330	—	25,242	88
		<u>\$2,927,991</u>	<u>\$1,517,716</u>	<u>\$2,493,968</u>	<u>1,951,739</u>

5,790,754

Payments to producers against old payment accounts previously transferred to the Special Account .....

12,239

Balance of Special Account as at July 31, 1984 .....

\$5,778,515

At July 31, 1984, there were unexpended authorizations totaling \$2,493,968 leaving an unexpended balance of \$3,284,547 in the Account.





1935-1985

# Deloitte Haskins + Sells

Chartered Accountants

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## To The Canadian Wheat Board:

We have examined the balance sheet of The Canadian Wheat Board as at July 31, 1984, and the statements of operations for the 1983-84 pool accounts for wheat, amber durum wheat, oats, designated oats, barley and designated barley for the period August 1, 1983 to completion of operations on October 31, 1984, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1984, the statement of advance payments to producers under the Prairie Grain Advance Payments Act as at July 31, 1984, and the statement of special account transactions for the year ended July 31, 1984. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Board as at July 31, 1984 and the results of operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.

*Deloitte Haskins + Sells*

Auditors

March 13, 1985



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TABLE I

ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1960 to 1984

Crop Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed <sup>2</sup> 000 acres	Rapeseed <sup>3</sup> 000 acres	Total 000 acres
1960	23,038	938	23,976	6,431	6,743	492	2,488	763	40,828
1961	22,864	1,852	24,716	5,211	5,424	495	2,054	710	38,610
1962	22,907	3,423	26,330	7,240	5,177	571	1,398	371	41,009
1963	25,087	2,003	27,090	6,338	6,042	634	1,630	478	42,292
1964	27,427	1,773	29,200	5,136	5,325	637	1,918	791	43,680
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,932
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,047
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,877
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	46,017
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,145
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	35,016
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,915
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,909
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,904
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,939
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,012
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,333
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	48,803
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	48,625
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,912
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,366
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,537
1983	29,660	3,500	33,160	2,620	9,830	956	1,065	5,750	53,921
1984	27,660	4,200	31,860	2,680	10,345	815	1,740	7,360	54,000

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed acreage for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed acreage for British Columbia not available 1960 to 1966.

Source: Statistics Canada.



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E II

OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES  
to 1984

Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed
kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre	kg per acre
569	528	566	595	610	450	226	331
295	213	288	394	435	251	173	358
574	522	566	697	677	475	277	361
710	679	708	748	777	485	317	399
545	494	542	631	657	434	256	378
622	546	621	743	766	561	317	356
754	727	754	723	862	594	297	383
533	422	528	591	666	427	228	344
601	522	593	722	786	470	325	418
728	716	727	760	856	437	305	376
705	718	708	811	890	566	366	404
744	671	735	836	930	577	322	406
678	633	672	786	897	518	337	397
685	600	678	796	851	566	340	382
595	548	588	638	738	561	241	366
730	646	716	763	856	651	317	407
843	817	841	856	980	706	345	471
784	709	778	848	1 004	650	442	550
807	781	803	805	979	772	440	501
644	643	644	770	973	627	354	405
689	617	680	820	971	547	323	483
810	709	796	840	1 006	833	407	530
860	855	859	930	1 085	821	474	512
776	757	774	826	953	775	420	457
655	502	635	732	885	702	388	438

ct to revision.  
Statistics Canada.





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TABLE III

PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES

1960 to 1984

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed <sup>2</sup>	Rapeseed <sup>3</sup>	
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	
1960	13 110	495	13 605	3 826	4 115	219	560	252	27 5
1961	6 749	395	7 144	2 059	2 359	124	354	255	12 2
1962	13 148	1 788	14 936	5 042	3 508	271	389	133	24 2
1963	17 821	1 361	19 182	4 736	4 691	308	516	190	29 6
1964	14 945	876	15 821	3 243	3 502	276	493	300	20 6
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 6
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 7
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 9
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 0
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 5
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 6
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 3
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 6
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 8
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 1
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 7
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 4
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 8
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 8
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 0
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	34 5
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 4
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 9
1983	23 031	2 648	25 679	2 165	9 373	741	447	2 625	41 0
1984 <sup>1</sup>	18 112	2 110	20 222	1 961	9 153	572	676	3 225	35 8

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed production for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed production for British Columbia not available 1960 to 1966.

Source: Statistics Canada.



1935-1985

## TABLE IV

### PRODUCERS' MARKETINGS — WESTERN CANADIAN GRAINS

PER YEAR 1959-60 to 1983-84

	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
59	9 763	538	10 301	375	2 081	109	355	68	13 290
60	10 169	614	10 783	580	1 914	148	461	217	14 139
61	8 023	287	8 310	434	1 292	87	304	228	10 654
62	11 690	1 218	12 908	1 372	1 752	238	344	129	16 741
63	14 284	1 191	15 475	767	2 002	202	441	170	19 057
64									
65	13 439	836	14 275	632	1 632	187	428	247	17 101
66	14 967	529	15 496	798	2 044	306	602	426	19 872
67	16 577	633	17 210	593	2 454	279	511	472	21 519
68	11 922	489	12 411	475	1 901	176	202	454	16 619
69	10 846	670	11 516	641	1 780	97	389	399	14 892
70									
71	10 158	1 089	11 247	322	3 667	193	561	646	18 636
72	8 838	1 621	10 459	898	5 136	295	856	1 395	19 079
73	11 945	2 139	14 084	499	6 433	395	548	1 584	23 549
74	15 359	1 875	17 234	501	5 156	235	466	1 428	25 029
75	13 294	1 302	14 596	614	5 118	189	391	993	21 501
76									
77	10 182	1 315	11 497	621	4 555	265	274	935	18 347
78	11 993	2 307	14 300	794	4 686	321	395	1 399	21 815
79	13 410	1 532	14 942	846	5 814	301	246	1 030	23 127
80	17 275	1 835	19 110	764	5 237	256	494	1 759	27 611
81	12 987	1 486	14 473	363	5 364	247	425	2 945	23 811
82									
83	16 795	1 909	18 704	319	5 408	449	675	2 928	28 488
84	15 902	2 722	18 624	391	6 430	354	424	2 153	28 377
85	17 064	2 607	19 671	503	7 505	617	377	1 991	30 667
86	22 462	2 868	25 330	365	7 023	518	536	2 016	34 768
87	20 749	2 273	23 022	407	6 690	691	381	2 264	31 405

Subject to revision.

Source: Canadian Grain Commission for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".

## TABLE V

### GRAIN ELEVATOR SHIPMENTS

PER YEAR 1968-69 to 1983-84

	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
68	9 977	624	10 601	537	1 797	113	375	318	13 741
69	10 271	790	11 061	459	3 705	178	515	536	16 459
70	10 972	1 564	12 536	686	4 851	255	737	1 108	20 177
71	14 160	2 054	16 214	641	6 676	297	574	967	25 369
72	15 061	1 853	16 914	589	4 662	290	507	1 239	24 201
73									
74	12 926	1 400	14 326	578	4 677	193	362	753	20 589
75	11 173	1 577	12 750	528	4 838	213	279	679	19 087
76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 579
78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 603
79									
80	13 508	1 478	14 986	353	5 680	219	466	1 863	23 567
81	16 402	2 144	18 546	564	5 733	389	490	1 893	27 615
82	15 988	2 500	18 488	406	5 740	450	508	1 280	26 872
83	17 643	2 638	20 281	465	7 459	507	394	1 285	30 591
84	21 089	2 871	23 960	368	6 815	388	382	1 228	33 141
85									
86	21 149	2 544	23 693	414	7 086	738	528	1 446	33 905

Subject to revision.

Source: Canadian Grain Commission for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".



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TABLE VI

VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD

CROP YEARS 1964-65 to 1983-84

Crop Year	Wheat	Durum	All Wheat	Oats	Barley	Rye	Flaxseed	Rapeseed	Coia
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1964-65	6 740	804	7 544	677	940	121	255	14	9 5
1965-66	9 338	783	10 121	599	1 059	157	322	30	12 2
1966-67	8 909	788	9 697	552	1 434	184	305	34	12 2
1967-68	4 301	415	4 716	437	825	85	223	8	6 2
1968-69	4 370	603	4 973	309	895	84	167	25	6 4
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 8
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 2
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 0
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 8
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 0
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 0
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 3
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 9
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 5
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 0
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 6
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 9
1981-82	8 739	2 019	10 758	199	2 725	372	229	136	14 4
1982-83	10 918	2 242	13 160	163	3 182	116	249	125	16 9
1983-84 <sup>1</sup>	10 710	2 308	13 018	134	3 376	115	357	173	17 1

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission 451.10 for 1983-84.

All previous years "Grain Trade of Canada".

# TABLE VII

## CANADIAN WHEAT SUPPLIES AND DISPOSITION

10 YEAR YEARS 1964-65 to 1984-85

	Inward Carryover <sup>1</sup> August 1st		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>2</sup>		Exports <sup>1</sup> Wheat and Flour	Total Carryover July 1st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial <sup>4</sup> 000 tonnes		
-65	3 283	9 221	16 349	28 853	2 194	1 822	10 875	16 600
-66	2 969	10 993	17 674	31 636	2 313	1 971	15 918	11 600
-67	2 722	8 712	22 516	33 950	2 425	1 941	14 024	15 600
-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	15 200
-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	25 100
-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 400
-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	16 600
-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 600
-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	16 600
-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 600
-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	9 600
-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 600
-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 600
-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 100
-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 900
-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 700
-81	4 273	6 448	19 292	30 013	2 672	2 509	16 262	8 600
-82	1 645	6 925	24 803	33 373	2 845	2 322	18 447	9 600
-83	3 605	6 153	26 735	36 493	2 581	2 496	21 368	10 600
-84	2 075	7 973	26 588	36 636	3 334	2 439	21 765	9 600
-85*	1 740	7 358	21 199	30 297				

Source: Statistics Canada.

\*Residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

\*Subject to revision.

\*Human food consumption in 1982-83 amounted to 1 894 800 tonnes. In 1983-84 the amount was 1 917 400 tonnes.

# TABLE VIII

## CANADIAN OATS SUPPLIES AND DISPOSITION

10 YEAR YEARS 1964-65 to 1984-85

	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>2</sup>		Exports <sup>2</sup>	Total Carryover July 1st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
-65	1 986	780	5 352	8 118	5 301	570	240	2 600
-66	1 399	608	6 168	8 175	5 358	611	245	1 600
-67	1 403	558	5 716	7 677	5 194	639	74	1 700
-68	1 326	444	4 654	6 424	4 570	535	55	1 200
-69	925	339	5 501	6 765	4 323	416	42	1 600
-70	1 457	527	5 473	7 457	4 603	487	79	2 260
-71	2 005	283	5 445	7 733	5 144	449	206	1 900
-72	1 406	528	5 640	7 574	5 067	523	161	1 600
-73	1 480	343	4 665	6 488	4 642	510	107	1 200
-74	1 002	227	5 070	6 299	4 573	519	13	1 100
-75	895	299	3 977	5 171	3 510	506	22	1 100
-76	741	392	4 480	5 613	3 624	477	281	1 100
-77	802	429	4 831	6 062	3 753	487	494	1 100
-78	1 033	295	4 283	5 611	3 349	497	90	1 100
-79	1 203	472	3 568	5 243	3 305	401	17	1 100
-80	1 103	417	2 879	4 399	2 961	444	103	800
-81	702	189	2 911	3 802	2 611	385	46	2 100
-82	610	150	3 188	3 948	2 655	387	51	800
-83	640	215	3 637	4 492	2 911	301	105	1 100
-84	1 000	175	2 773	3 948	2 795	335	123	600
-85*	570	125	2 670	3 365				

Source: Statistics Canada.

\*Residual item. "Grain Trade of Canada". Includes Rolled Oats, Oatmeal and Seed Oats.

\*Residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

\*Subject to revision.



**TABLE IX**  
**CANADIAN BARLEY SUPPLIES AND DISPOSITION**  
**CROP YEARS 1964-65 to 1984-85**

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>	Total Supplies	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup>	Total Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1964-65	1 306	1 269	3 668	6 243	2 558	946	806	1 933
1965-66	780	1 153	4 753	6 686	2 760	970	828	2 128
1966-67	718	1 410	6 450	8 578	3 245	1 190	1 275	2 868
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	2 850
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	4 298
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 688	4 326	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 641	3 783	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 690	3 540	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 967	3 800	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 142	4 086	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 777	3 521	3 203
1981-82	1 140	2 063	13 724	16 927	5 340	1 424	6 002	4 161
1982-83	1 980	2 181	13 965	18 126	5 586	1 688	5 648	5 204
1983-84	3 300	1 904	10 296	15 500	5 778	2 175	5 536	2 011
1984-85 <sup>4</sup>	1 120	891	10 252	12 263				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Export Barley and Pot and Pearl Barley.

<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>4</sup> Subject to revision.

**TABLE X**  
**CANADIAN GRAIN STORAGE POSITION 1965 to 1984**  
**VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31ST<sup>1</sup>**

Year	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	U.S. and Foreign Grain 000 tonnes	Total 000 tonnes	Total Licensed Capacity <sup>2</sup> 000 tonnes
1965	10 993	608	1 153	168	156	28	201	13 307	18 389
1966	8 712	558	1 410	207	227	68	211	11 393	18 445
1967	10 117	444	1 410	155	262	110	200	12 698	18 566
1968	11 689	339	1 298	141	104	170	209	13 950	18 982
1969	13 053	527	1 326	93	104	99	219	15 421	19 050
1970	12 682	283	1 700	151	136	79	284	15 315	19 051
1971	9 235	528	1 799	192	409	246	143	12 552	18 885
1972	7 410	344	1 956	261	255	609	206	11 041	18 318
1973	6 815	226	2 287	221	180	460	389	10 578	17 986
1974	7 884	299	3 101	203	163	247	313	12 210	17 626
1975	6 405	392	2 994	251	155	309	124	10 630	17 868
1976	6 401	429	1 675	223	330	697	142	9 897	17 518
1977	6 160	295	2 086	289	186	174	128	9 318	16 974
1978	7 108	472	2 095	212	367	291	201	10 746	16 858
1979	5 957	417	1 695	248	244	819	255	9 635	16 748
1980	6 448	189	906	279	440	1 137	349	9 748	16 631
1981	6 925	150	2 063	169	228	924	213	10 672	16 353
1982	6 154	215	2 181	231	221	621	176	9 799	16 071
1983	7 883	175	1 904	431	347	446	117	11 303	15 739
1984 <sup>4</sup>	7 358	125	891	326	130	105	83	9 018	15 533

<sup>1</sup> Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill or feed plants for processing.

<sup>2</sup> For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.

<sup>3</sup> Metric tonnes expressed in wheat equivalent.

<sup>4</sup> Subject to revision.



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BLE XI

PORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS

OP YEARS 1959-60 to 1983-84

	Wheat <sup>1</sup> 000 tonnes	Flour <sup>2</sup> 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed <sup>3</sup> 000 tonnes	Rapeseed <sup>4</sup> 000 tonnes	Corn 000 tonnes	Total 000 tonnes
59-60	6 541	1 006	94	1 388	115	322	67	2	9 545
60-61	8 643	971	41	1 027	66	366	184	2	11 303
61-62	8 878	870	53	934	111	316	158	2	11 322
62-63	8 276	742	335	335	186	330	130	1	10 335
63-64	14 687	1 494	289	1 022	140	362	121	2	18 117
64-65	10 017	858	240	806	123	398	210	7	12 655
65-66	14 881	1 038	246	828	204	495	309	9	18 010
66-67	13 157	867	74	1 275	253	433	313	2	16 574
67-68	8 473	672	55	901	121	349	279	2	10 852
68-69	7 653	670	42	575	108	355	325	6	9 734
69-70	8 696	734	80	1 923	97	500	504	2	12 535
70-71	11 169	676	206	3 910	227	571	1 062	5	17 823
71-72	13 047	673	161	5 020	273	692	966	29	20 861
72-73	15 057	636	107	3 598	209	529	1 226	21	21 382
73-74	10 902	543	13	2 776	116	400	1 063	5	15 219
74-75	10 229	550	22	3 013	123	273	664	4	14 872
75-76	11 637	699	281	4 326	299	212	820	233	18 507
76-77	12 711	725	494	3 783	168	369	1 449	180	19 879
77-78	15 246	794	90	3 540	271	282	1 476	323	22 022
78-79	12 302	782	17	3 800	154	514	2 287	192	20 048
79-80	15 215	674	103	4 086	397	475	2 420	344	23 714
80-81	15 569	693	46	3 521	446	607	2 212	1 051	24 145
81-82	17 973	474	51	6 002	561	481	2 040	1 281	28 865
82-83	20 956	411	105	5 648	313	471	1 752	501	30 157
83-84	21 285	480	122	5 536	739	534	2 460	424	31 580

Wheat exports include bagged Seed Wheat.

Wheat equivalent.

Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal from 1979-80.

Rapeseed exports for the years 1964-65 to 1972-73 do not include Rapeseed Oil exports. The years 1959-60 to 1963-64 include Rapeseed Oil exports.

The years 1973-74 to 1983-84 include Rapeseed Oil and Rapeseed Meal exports.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".



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TABLE XII

**EMBAIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1974-75 to 1983-84**

Country	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	57	4	38	71	36	12	—	16	23	1
Denmark	—	—	—	—	1	1	—	—	—	—
France	51	29	30	81	62	4	12	88	107	19
Germany, Federal Republic	93	86	356	66	15	12	1	18	1	2
Ireland	—	—	—	—	—	—	—	1	—	—
Italy	658	629	546	894	544	723	765	515	624	74
Netherlands	156	62	197	221	62	70	22	38	17	10
United Kingdom	1 567	1 189	1 431	1 526	1 312	1 361	1 409	1 366	1 109	95
<b>TOTAL EEC</b>	<b>2 582</b>	<b>1 999</b>	<b>2 598</b>	<b>2 859</b>	<b>2 032</b>	<b>2 183</b>	<b>2 209</b>	<b>2 042</b>	<b>1 881</b>	<b>2 03</b>
<b>OTHER WESTERN EUROPE:</b>										
Finland	—	—	—	6	88	9	6	29	—	—
Malta	22	—	—	—	—	—	—	—	—	—
Norway	83	112	118	67	67	137	10	57	70	14
Portugal	4	—	—	57	39	43	17	—	—	—
Spain	—	—	—	26	54	—	51	—	—	—
Sweden	—	—	—	1	4	1	—	—	2	—
Switzerland	36	60	52	77	63	71	54	49	109	4
<b>TOTAL OTHER WESTERN EUROPE:</b>	<b>145</b>	<b>172</b>	<b>170</b>	<b>234</b>	<b>315</b>	<b>261</b>	<b>138</b>	<b>135</b>	<b>181</b>	<b>19</b>
<b>EASTERN EUROPE:</b>										
Albania	43	24	—	—	—	—	—	—	—	—
Czechoslovakia	—	—	67	—	—	6	—	14	5	—
Germany, People's Rep. of	—	—	292	32	74	10	67	—	308	7
Poland	60	369	868	686	583	1 487	1 091	1 674	622	5
Romania	—	473	84	—	—	—	—	—	—	—
U.S.S.R.	352	3 236	1 043	2 146	1 429	2 579	3 971	5 019	6 959	6 76
Yugoslavia	—	—	130	88	—	127	—	—	—	—
<b>TOTAL EASTERN EUROPE:</b>	<b>455</b>	<b>4 102</b>	<b>2 484</b>	<b>2 952</b>	<b>2 086</b>	<b>4 209</b>	<b>5 129</b>	<b>6 707</b>	<b>7 894</b>	<b>6 89</b>
<b>TOTAL EUROPE:</b>	<b>3 182</b>	<b>6 273</b>	<b>5 252</b>	<b>6 045</b>	<b>4 433</b>	<b>6 653</b>	<b>7 476</b>	<b>8 884</b>	<b>9 956</b>	<b>9 12</b>
<b>AFRICA:</b>										
Algeria	564	83	508	462	335	598	654	590	512	81
Benin	—	—	—	—	—	1	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
Ethiopia	26	5	—	86	15	51	81	45	92	4
French Africa NES	3	—	—	—	—	—	—	—	—	—
Ghana	42	79	117	104	76	98	25	45	24	6
Ivory Coast	—	—	—	—	—	—	—	1	—	—
Kenya	—	—	—	—	—	—	—	16	—	—
Libya	—	—	22	—	—	28	81	291	110	9
Mali	—	—	—	—	—	—	—	—	13	—
Mauritania	4	—	5	8	10	—	2	—	4	1
Morocco	56	34	88	275	100	129	12	15	—	—
Mozambique	—	—	32	11	11	—	5	16	25	1
Niger	—	5	—	—	—	—	—	2	4	—
Nigeria	18	—	23	3	20	28	—	—	21	6
Rwanda	—	—	—	—	1	—	—	—	1	—
Senegal	—	—	5	10	2	6	8	9	13	—
Somalia	—	—	10	—	—	—	—	7	—	—
Sudan	—	—	1	—	—	7	—	—	—	—
Tanzania	42	21	24	34	38	—	10	13	—	—
Togo	2	—	6	5	3	8	—	—	21	—
Tunisia	11	—	47	41	73	49	23	10	—	—
Uganda	—	—	—	—	—	8	—	—	9	—
Upper Volta	—	—	—	—	—	—	—	—	3	—
Zaire	—	—	—	—	1	—	—	—	—	—
Zambia	75	—	—	—	—	17	—	—	—	—
Zimbabwe	—	—	—	—	—	3	—	—	—	—
<b>TOTAL AFRICA</b>	<b>843</b>	<b>227</b>	<b>888</b>	<b>1 039</b>	<b>685</b>	<b>1 031</b>	<b>901</b>	<b>1 060</b>	<b>852</b>	<b>1 10</b>



1935-1985

Country	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>MIDDLE EAST:</b>										
Arab Rep. of Egypt	—	—	258	409	117	—	—	316	23	662
Cyprus	—	—	13	8	—	—	—	—	—	32
Greece	—	—	—	—	—	110	96	73	107	488
Israel	207	111	209	233	102	428	453	258	280	608
Jordan	1	—	—	1	—	—	—	—	—	18
Lebanon	—	—	1	—	—	—	—	—	—	—
Libya	161	82	25	105	221	75	119	91	158	—
Qatar	10	—	—	—	—	—	—	—	—	—
Saudi Arabia	8	—	—	—	—	—	—	—	26	—
Syria	—	—	84	281	—	20	—	—	242	260
Yemen, P.D.R.	2	27	2	8	1	—	6	—	24	—
<b>TOTAL MIDDLE EAST:</b>			592	1 045						
<b>ASIA:</b>										
Afghanistan	3	—	7	34	13	21	—	—	—	—
Bangladesh	332	154	190	222	337	428	134	264	312	476
Burma	5	—	—	—	—	—	—	—	—	—
China, People's Rep. of	2 244	1 207	2 074	3 469	3 102	2 516	2 879	3 101	4 424	3 428
Hong Kong	8	13	34	30	34	37	16	9	6	13
India	368	539	79	—	—	—	40	91	7	513
Indonesia	61	20	148	—	—	24	—	32	224	—
Japan	1 191	1 574	1 246	1 419	1 226	1 336	1 381	1 367	1 341	1 527
Korea, Dem. People's Rep.	—	—	36	—	—	—	—	—	—	—
Korea, South	—	—	29	—	—	—	—	—	—	6
Malaysia	—	—	7	3	20	10	10	—	5	—
Nepal	—	—	—	—	—	13	1	—	—	—
Pakistan	84	161	58	89	150	34	6	54	29	58
Philippines	159	8	363	—	—	27	—	—	—	—
Singapore	—	—	—	23	4	—	—	—	46	—
Sri Lanka	—	—	—	—	—	—	—	21	98	124
Taiwan	—	—	22	—	—	79	—	28	85	84
West-Nam	—	—	12	118	22	—	—	—	—	—
<b>TOTAL ASIA:</b>			4 305	5 407						
<b>WESTERN HEMISPHERE:</b>										
Barbados	—	—	—	1	4	4	—	5	—	2
Belize	—	—	—	—	—	—	—	—	1	—
Bolivia	—	—	—	—	—	—	—	—	—	12
Brazil	858	597	1 031	782	948	1 270	1 284	1 314	1 503	1 362
Chile	—	—	—	75	—	—	—	24	—	—
Costa Rica	—	—	—	—	—	—	—	4	—	—
Cuba	328	470	339	496	523	866	656	730	878	772
Dominican Republic	—	—	—	3	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	—	—	2
Haiti Republic	25	32	53	71	38	33	37	20	—	—
Honduras	—	—	—	—	—	—	—	—	2	1
Jamaica	—	8	23	30	51	62	45	31	23	22
Mexico	—	—	—	91	21	71	27	154	189	276
Paraguay	—	—	—	—	—	—	—	18	—	48
Peru	93	96	62	78	124	48	—	8	—	49
Puerto Rico, Vincent	—	—	—	16	21	4	—	—	—	—
Trinidad & Tobago	—	11	85	60	87	8	—	—	—	—
Venezuela	52	3	44	—	15	4	—	15	—	69
United States	—	22	35	—	—	—	—	—	115	63
<b>TOTAL WESTERN HEMISPHERE</b>	1 356		1 672	1 703						
<b>TOTAL BULK WHEAT:</b>	10 225	11 635	12 709	15 239	12 299	15 212	15 567	17 972	20 956	21 284
<b>AGGED SEED WHEAT:</b>	3	2	2	7	3	3	2	1	1	1
<b>GRAND TOTAL:</b>	10 228	11 637	12 711	15 246	12 302	15 215		17 973		

Source: Canadian Grain Commission "Canada Grain Exports" for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".

Subject to revision.





1935-1985

TABLE XIII

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1974-75 to 1983-84

Country	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC	4	5	3	—	—	—	2	1	1	—
Other Western Europe	4	4	3	5	4	4	4	4	3	—
TOTAL WESTERN EUROPE:	8	9	6	5	4	4	6	5	4	—
EASTERN EUROPE:	—	20	9	2	—	—	248	—	—	—
TOTAL EUROPE:	8	29	15	7	4	4	254	5	4	—
AFRICA:										
Arab Republic of Egypt	—	15	34	42	38	31	12	32	26	2
Algeria	1	—	—	—	2	7	11	5	5	—
Others	36	2	5	9	9	10	16	48	41	3
TOTAL AFRICA:	37	17	39	51	49	48	39	85	72	5
MIDDLE EAST:	19	35	14	29	36	27	10	25	21	—
ASIA:										
China People's Rep of	—	—	—	—	—	—	—	—	—	8
Korea South	—	39	6	48	31	2	17	—	51	—
Sri Lanka	3	33	71	27	51	3	—	—	—	—
Thailand	1	1	1	1	1	1	1	1	1	—
Viet Nam	—	13	18	98	49	42	—	—	—	—
Others	4	4	7	9	4	5	3	2	1	—
TOTAL ASIA:	8	90	103	183	136	53	21	3	53	8
WESTERN HEMISPHERE:										
Bahamas	5	5	4	5	4	5	4	4	5	—
Barbados	7	8	5	5	6	3	3	3	3	—
Bermuda	3	3	2	3	3	4	4	3	3	—
Cuba	420	478	506	493	509	471	326	320	223	28
Haiti Republic	1	4	6	—	8	35	11	1	2	—
Jamaica	5	3	3	3	16	3	4	6	2	—
Leeward & Windward Islands	18	19	13	9	3	3	2	2	2	—
Trinidad & Tobago	4	1	13	3	2	2	3	3	2	—
United States	10	2	1	1	2	2	7	8	12	—
Others	5	5	1	2	4	13	6	6	7	1
TOTAL WESTERN HEMISPHERE:	478	528	554	524	557	541	370	356	261	32
GRAND TOTAL:	550	699	725	794	782	673	694	474	411	47

<sup>1</sup> Subject to revision.

Source: Statistics Canada.



1935-1985

## TABLE XIV

### CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES TOP YEARS 1974-75 to 1983-84

Country	1974-75 000 tonnes	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 <sup>1</sup> 000 tonnes
<b>EASTERN EUROPE:</b>										
Belgium and Luxembourg	13	2	8	—	4	6	—	13	—	—
Germany, Federal Republic	—	—	—	—	1	1	—	—	—	—
France	47	27	27	75	62	—	12	88	99	199
Italy	78	75	43	14	15	—	1	18	—	17
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	1	—	—
Switzerland	536	386	213	762	376	628	526	423	525	504
Netherlands	8	34	48	97	58	47	13	24	12	86
United Kingdom	24	10	43	32	7	7	12	5	2	2
<b>TOTAL EEC:</b>	706	534	382	980	523	689	564	572	638	800
<b>WESTERN EUROPE:</b>										
Denmark	—	—	—	—	—	—	3	—	—	—
Finland	—	21	—	2	6	6	10	—	—	—
France	4	—	—	—	14	29	17	—	11	13
Germany, Federal Republic	—	—	—	26	40	—	51	—	—	—
Italy	—	—	—	1	4	1	—	—	1	—
Netherlands	13	49	26	20	16	21	24	27	44	16
<b>TOTAL OTHER WESTERN EUROPE:</b>	17	70	26	49	80	57	105	27	56	29
<b>EASTERN EUROPE:</b>										
Czechoslovakia	—	—	25	—	—	6	—	14	5	5
Poland	—	—	—	—	—	10	32	—	26	51
Romania	61	25	175	14	100	255	93	112	59	52
Soviet Union	—	838	447	396	222	254	496	860	1 204	555
<b>TOTAL EASTERN EUROPE:</b>	61	863	647	410	322	525	621	986	1 294	663
<b>TOTAL EUROPE:</b>	784	1 467	1 055	1 439	925	1 271	1 290	1 585	1 988	1 560
<b>AFRICA:</b>										
Algeria	564	83	508	462	336	595	654	589	512	813
Libya	—	—	22	—	—	10	24	52	47	93
United Kingdom	—	—	5	—	—	—	2	—	4	8
Senegal	39	9	24	—	—	—	—	—	—	—
Sierra Leone	—	5	—	—	—	—	—	—	—	—
Yemen	—	—	5	—	—	—	—	—	—	—
Yugoslavia	—	—	24	41	73	38	23	—	—	—
<b>TOTAL AFRICA:</b>	603	97	588	503	409	643	703	641	563	914
<b>MIDDLE EAST:</b>										
Israel	—	—	—	1	—	—	—	—	—	—
<b>TOTAL MIDDLE EAST:</b>	—	—	—	1	—	—	—	—	—	—
<b>ASIA:</b>										
Bangladesh	—	76	33	7	—	5	—	—	—	—
India	13	—	—	—	—	—	48	32	77	60
<b>TOTAL ASIA:</b>	13	76	33	7	—	5	48	32	77	60
<b>WESTERN HEMISPHERE:</b>										
Argentina	—	—	—	—	—	—	—	4	—	—
Chile	19	22	20	18	16	25	34	44	59	52
United States	—	—	—	—	—	—	—	—	—	3
Venezuela	3	3	—	—	—	4	—	4	—	16
<b>TOTAL WESTERN HEMISPHERE:</b>	22	25	20	18	16	29	34	52	59	71
<b>AND TOTAL:</b>	1 422	1 665	1 696	1 968	1 350	1 948	2 075	2 310	2 687	2 545

Source: Canadian Grain Commission for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".

Subject to revision.

TABLE XV

# CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES CROP YEARS 1974-75 to 1983-84

Country	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	17	13	119	94	—	—	—	121	481	70
Denmark	—	—	10	—	—	—	—	—	—	2
France	—	—	7	—	—	—	—	—	—	2
Germany, Federal Rep.	40	235	238	206	100	53	—	—	51	2
Greece	—	—	—	26	—	—	—	—	—	—
Italy	658	593	851	630	425	582	344	417	310	12
Netherlands	23	47	155	31	—	—	1	—	—	6
United Kingdom	31	58	56	58	72	24	10	3	—	—
TOTAL EEC:	769	946	1 436	1 045	597	659	355	541	842	93
OTHER WESTERN EUROPE:										
Finland	—	—	—	—	—	—	—	111	—	—
Iceland	1	—	—	—	4	4	3	1	—	—
Malta	5	2	—	—	—	9	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Spain	56	—	—	—	—	—	—	235	410	10
Switzerland	38	30	40	—	—	—	—	—	—	—
TOTAL OTHER WESTERN EUROPE:	100	32	40	—	4	13	3	347	410	10
EASTERN EUROPE:										
Bulgaria	28	—	—	—	31	—	—	—	—	—
Germany, People's Republic of	—	27	282	—	246	—	—	103	600	1 12
Hungary	—	—	—	—	32	—	—	—	—	—
Poland	354	318	150	595	570	383	147	—	—	10
Romania	—	—	—	15	226	—	—	—	—	6
U.S.S.R.	—	1 175	121	166	126	872	1 573	2 780	1 526	47
TOTAL EASTERN EUROPE:	382	1 520	553	776	1 231	1 255	1 720	2 883	2 126	1 76
TOTAL EUROPE:	1 251	2 498	2 029	1 821	1 832	1 927	2 078	3 771	3 378	2 81
AFRICA:										
Algeria	33	—	78	109	80	138	—	36	—	—
Libya	—	—	9	—	—	—	—	—	—	—
Morocco	3	—	—	21	—	—	—	4	—	—
Tunisia	—	—	—	—	21	—	—	—	—	—
TOTAL AFRICA:	36	—	87	130	101	138	—	40	—	—
MIDDLE EAST:										
Cyprus	—	20	—	20	63	93	—	45	61	5
Iran	201	26	177	184	154	23	—	80	92	20
Iraq	—	—	46	—	16	59	—	—	101	19
Israel	179	227	132	116	235	239	124	209	252	25
Jordan	—	—	—	—	—	23	—	—	8	—
Kuwait	—	—	—	—	—	32	—	—	—	—
Lebanon	10	7	18	9	15	43	—	15	—	—
Saudi Arabia	—	—	—	—	—	57	—	89	—	3
Syria	—	—	—	—	—	103	—	—	—	9
Turkey	—	—	—	—	—	—	—	—	—	18
TOTAL MIDDLE EAST:	390	280	373	329	483	672	124	438	514	1 03
ASIA:										
China, People's Republic of	—	—	—	—	—	—	—	77	83	2
Japan	789	1 031	862	841	873	789	805	914	970	82
Korea, South	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	26
Taiwan	—	—	—	—	—	—	—	118	83	—
TOTAL ASIA:	789	1 031	862	841	873	789	805	1 109	1 136	1 11
WESTERN HEMISPHERE:										
Colombia	—	35	56	72	78	91	47	86	101	11
Cuba	11	21	33	38	31	47	60	53	42	4
Ecuador	—	—	—	—	7	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	22	6
Peru	17	8	—	19	9	29	11	23	16	7
United States	341	282	168	99	140	138	111	202	121	7
TOTAL WESTERN HEMISPHERE:	369	346	257	228	265	305	229	364	302	30
TOTAL BARLEY:	2 835	4 155	3 608	3 349	3 554	3 831	3 236	5 722	5 330	5 20
MALT (Barley Equivalent):	178	171	174	191	246	254	285	280	318	20
GRAND TOTAL:	3 013	4 326	3 782	3 540	3 800	4 085	3 521	6 002	5 648	5 5

Source: Canadian Grain Commission "Canada Grain Exports" for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".

\* Subject to revision.



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## TABLE XVI

### CANADIAN OATS EXPORTS BY AREAS AND COUNTRIES FOR YEARS 1974-75 to 1983-84

Country	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84 <sup>1</sup>
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
Belgium and Luxembourg	—	—	36	—	—	—	—	—	—	—
Germany, Federal Rep.	2	—	164	1	—	—	—	—	—	—
Netherlands	—	—	68	40	—	14	—	—	—	—
United Kingdom	—	9	114	2	1	12	—	—	3	—
Other EEC:	3	—	7	—	—	—	—	—	—	—
<b>TOTAL WESTERN EUROPE:</b>	5	9	389	43	1	26	—	—	3	—
<b>OTHER WESTERN EUROPE:</b>										
Switzerland	—	—	19	—	3	—	—	—	3	—
<b>TOTAL OTHER WESTERN EUROPE:</b>	—	—	19	—	3	—	—	—	3	—
<b>EASTERN EUROPE:</b>										
Poland	—	—	42	—	—	47	41	3	—	—
U.S.S.R.	—	251	—	—	—	—	—	16	—	—
<b>TOTAL EASTERN EUROPE:</b>	—	251	42	—	—	47	41	19	—	—
<b>TOTAL EUROPE:</b>	5	260	450	43	4	73	41	19	6	—
<b>MIDDLE EAST:</b>										
Yemen	—	4	—	—	—	—	—	—	—	—
<b>TOTAL MIDDLE EAST:</b>	—	4	—	—	—	—	—	—	—	—
<b>ASIA:</b>										
Japan	—	—	3	—	—	—	—	—	2	3
<b>TOTAL ASIA:</b>	—	—	3	—	—	—	—	—	2	3
<b>OTHER HEMISPHERE:</b>										
Canada	3	11	19	29	9	26	2	11	14	1
Guatemala	—	—	—	3	—	—	—	—	—	—
Venezuela	9	4	—	3	—	—	1	—	—	—
United States	4	1	20	11	—	2	—	17	82	117
<b>TOTAL WESTERN HEMISPHERE:</b>	16	16	39	46	9	28	3	28	96	118
<b>ASB-TOTALS, ALL COUNTRIES:</b>	21	280	492	89	13	101	44	47	104	121
Feed Oats	—	—	1	1	2	1	1	3	—	1
Meal and Rolled Oats (Oats Equivalent)	—	—	1	—	2	3	—	—	1	—
<b>TOTALS, ALL COUNTRIES:</b>	21	280	494	90	17	105	45	50	105	122

Source: Canadian Grain Commission "Canada Grain Exports" for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".

Subject to revision.



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TABLE XVII

OVERSEAS<sup>1</sup> CLEARANCES OF CANADIAN BULK GRAIN<sup>2</sup> BY PORT AREAS  
CROP YEARS 1963-64 to 1983-84

Crop Year	Atlantic Coast <sup>3</sup> 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct <sup>3</sup> 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1963-64	1 480	7 806	446	590	5 689	16 011
1964-65	931	4 209	497	600	4 900	11 137
1965-66	1 091	8 104	635	682	6 130	16 642
1966-67	896	6 813	794	572	6 038	15 113
1967-68	423	3 271	569	586	5 025	9 874
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82	862	11 909	954	438	11 625	25 788
1982-83	657	14 944	782	557	11 521	28 461
1983-84 <sup>4</sup>	760	14 155	1 109	621	12 507	29 152

<sup>1</sup> To all countries except the U.S.A.

<sup>2</sup> Wheat (excluding bagged seed wheat), Oats, Barley, Rye and Flaxseed. Includes Rapeseed from 1965-66.

<sup>3</sup> Includes shipments from ports along the Great Lakes.

<sup>4</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1983-84.

All previous years: Statistics Canada "Grain Trade of Canada".



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TABLE XVIII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES

FOR THE YEARS 1969-70 to 1983-84

	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC <sup>1</sup> 000 tonnes	China 000 tonnes
1969-70	18 268	7 020	10 547	39 263	37 217	29 000
1970-71	9 024	4 920	7 890	36 783	36 557	31 000
1971-72	14 412	5 440	8 607	44 052	41 988	32 575
1972-73	14 514	7 900	6 590	42 081	43 282	35 985
1973-74	16 162	6 560	11 987	46 560	43 081	35 225
1974-75	13 304	5 970	11 357	48 496	47 501	40 865
1975-76	17 081	8 570	11 982	57 885	40 039	45 310
1976-77	23 587	11 000	11 800	58 480	41 466	50 385
1977-78	19 858	5 300	9 370	55 670	40 125	41 075
1978-79	21 136	8 100	18 090	48 322	50 304	53 840
1979-80	17 196	8 100	16 188	58 080	48 826	62 730
1980-81	19 292	7 780	10 856	64 798	55 089	55 210
1981-82	24 803	8 300	16 360	75 805	54 408	59 640
1982-83	26 737	15 000	8 876	75 250	59 908	68 420
1983-84 <sup>2</sup>	26 588	12 300	22 060	65 856	59 220	81 390
	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1969-70	18 651	10 500	79 917	6 617	58 200	315 200
1970-71	20 093	10 000	99 664	7 294	55 675	318 900
1971-72	23 833	13 500	98 760	6 476	64 457	354 100
1972-73	26 410	12 200	85 993	6 579	66 566	348 100
1973-74	24 735	10 000	109 784	7 443	64 263	375 800
1974-75	21 778	11 000	83 913	7 629	71 987	363 800
1975-76	24 235	14 750	66 224	7 673	65 451	359 200
1976-77	28 846	16 500	96 882	8 691	77 363	425 000
1977-78	29 010	16 650	92 161	9 144	68 037	386 400
1978-79	31 749	16 700	120 936	8 367	73 456	451 000
1979-80	35 508	17 500	90 207	9 950	64 515	428 800
1980-81	31 564	16 600	98 182	10 805	75 024	445 200
1981-82	36 313	17 000	80 000	11 475	69 096	453 200
1982-83	37 452	17 500	85 000	11 126	76 931	482 200
1983-84 <sup>2</sup>	42 502	16 400	80 000	12 386	77 098	495 800

<sup>1</sup> Member States

<sup>2</sup> Preliminary — subject to revision.

Source: For Canada — Statistics Canada.

United States — "Crop Production", USDA, November, 1984.

For all other countries — IWC World Wheat Statistics.



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TABLE XIX

COARSE GRAIN<sup>1</sup> PRODUCTION IN THE MAJOR EXPORTING COUNTRIES<sup>2</sup>

Countries	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
(million of tonnes)									
Canada:									
Barley	9.5	10.5	11.8	10.4	8.5	11.4	13.7	14.1	10.3
Oats	4.5	4.8	4.3	3.6	2.9	2.9	3.2	3.7	2.8
Corn	3.6	3.8	4.2	4.5	5.3	5.7	6.7	6.5	5.9
Rye	0.5	0.4	0.4	0.6	0.5	0.5	0.9	0.9	0.8
Mixed Grain	1.8	1.6	1.6	1.6	1.7	1.6	1.5	1.5	1.2
Total	19.9	21.1	22.3	20.7	18.9	22.1	26.0	26.7	11.0
United States	185.1	193.9	203.8	222.1	238.7	198.3	246.6	250.7	136.7
Australia	5.6	5.1	4.3	7.1	6.2	5.2	6.6	3.9	9.3
Argentina	12.4	16.9	18.3	17.3	10.6	21.0	18.4	18.2	7.9
South Africa	7.7	10.3	11.0	8.8	11.7	15.3	8.8	4.5	5.2
Thailand	3.3	3.0	2.2	3.0	3.6	3.5	4.7	3.7	4.3
Western Europe	81.5	73.1	87.5	94.0	91.1	95.0	87.9	93.6	86.1
Eastern Europe	59.4	59.5	59.2	60.5	63.4	61.4	64.5	71.8	67.3
U.S.S.R.	65.8	115.0	92.6	105.3	81.1	80.5	72.0	86.0	105.0
Others	204.1	202.5	201.5	214.8	216.5	229.7	233.2	219.5	236.7
WORLD TOTAL	644.8	700.4	702.7	753.6	741.8	732.0	768.7	778.6	689.5

<sup>1</sup> Includes corn, barley, oats, rye, sorghum, millet and mixed grains.

<sup>2</sup> July-June trade year through 1978/79 - from 1979-80 the crop year is October/September for all countries except Canada which is the August/July crop year.

<sup>3</sup> Subject to revision.

Source: USDA "Foreign Agriculture Circular", F.G. 17, December, 1984, page 10 for all countries except Canada Field Crop Reporting Series No. 8.



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## LE XX

### WORLD COARSE GRAIN<sup>1</sup> EXPORTS\*

1976 to 1982/83

Countries	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84 <sup>2</sup>
(million of tonnes)									
Canada:									
Wheat	4.2	3.6	3.3	3.6	3.8	3.2	5.7	5.3	5.3
Barley	0.3	0.5	0.1	—	0.1	—	—	0.1	0.7
Oats	0.2	0.2	0.3	0.2	0.3	1.1	1.3	0.5	0.4
Sorghum	0.3	0.1	0.3	0.2	0.4	0.4	0.5	0.3	0.7
Other	5.0	4.4	4.0	4.0	4.6	4.7	7.5	6.2	7.1
United States	46.5	50.6	52.1	56.9	71.4	69.5	58.4	54.0	55.8
Argentina	5.4	9.5	11.0	11.5	5.3	14.2	10.3	11.6	10.9
Australia	2.5	0.5	3.5	5.3	5.0	5.6	4.1	5.0	3.6
South Africa	3.2	3.3	1.9	2.6	4.1	2.3	3.4	0.9	5.5
India	3.4	1.4	2.9	2.9	3.5	4.1	4.7	2.3	0.1
France	2.6	2.3	1.3	2.3	2.2	2.4	3.5	2.3	3.3
Germany	—	2.0	1.0	1.0	—	—	—	—	—
Other	7.8	8.5	5.8	3.7	2.7	6.0	5.9	8.7	4.4
<b>WORLD TOTAL</b>	<b>76.4</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>97.8</b>	<b>91.0</b>	<b>90.7</b>

<sup>1</sup>Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup>Subject to revision.

\*Including intra-trade between member countries 1979-80 to 1983-84.

Canada — Canadian Grain Commission "Canadian Grain Exports" for 1983-84.

All previous years — Statistics Canada "Grain Trade of Canada", August/July crop year.

United States and other countries — "U.S.D.A. Foreign Agriculture Circular" December 1984. FG-17/84 Page 16.

June trade year through 1978-1979 — from 1979-80 the trade year is October/September for all countries except Canada.

## LE XXI

### WORLD IMPORTS OF COARSE GRAINS<sup>1</sup>

1976 to 1983-84\*

Countries	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84 <sup>2</sup>
(million of tonnes)									
Western Europe	17.8	26.7	16.0	16.0	13.3	11.1	8.8	6.5	6.2
Eastern Europe	7.5	7.8	9.3	7.7	9.4	10.3	12.7	10.0	7.5
U.S.S.R.	7.8	8.8	8.3	10.6	11.5	10.2	6.1	4.9	3.7
China	15.5	5.7	11.7	9.9	13.8	23.5	20.4	11.0	11.9
India	13.5	15.9	17.0	17.9	18.3	18.6	17.9	18.7	20.7
Other	14.3	17.6	21.2	28.1	32.5	35.1	31.9	39.9	40.7
<b>WORLD TOTAL</b>	<b>76.4</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>97.8</b>	<b>91.0</b>	<b>90.7</b>

<sup>1</sup>Includes corn, barley, oats, sorghum, millet, rye and other grains.

<sup>2</sup>Subject to revision.

\*Member countries 1976-77 forward.

U.S.D.A. Foreign Agriculture Circular, December 1984. FG-17 Page 16.

June trade year through 1978-79 from 1979-80 the trade year is October/September.



TABLE XXII

## EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL

## EXPORTERS DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE

TOTAL — JULY-JUNE CROP YEARS<sup>1</sup> 1964-65 to 1983-84

Crop Year	Argentina	Australia	Canada	United States	EEC	Others	Total
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1964-65	4 443 (9.0%)	6 469 (13.1%)	10 839 (22.0%)	19 596 (39.7%)	5 444 (11.1%)	2 519 ( 5.1%)	49 310 (100.0%)
1965-66	7 948 (12.6%)	5 681 ( 9.0%)	15 897 (25.2%)	23 405 (37.2%)	5 465 ( 8.7%)	4 621 ( 7.3%)	63 017 (100.0%)
1966-67	3 059 ( 5.6%)	6 984 (12.7%)	14 005 (25.4%)	20 194 (36.6%)	4 177 ( 7.6%)	6 671 (12.1%)	55 090 (100.0%)
1967-68	1 370 ( 2.6%)	7 011 (13.6%)	9 127 (17.7%)	20 494 (39.7%)	4 350 ( 8.4%)	9 305 (18.0%)	51 657 (100.0%)
1968-69	2 785 ( 6.1%)	5 369 (11.8%)	8 305 (18.2%)	15 023 (32.9%)	5 020 (11.0%)	9 097 (20.0%)	45 599 (100.0%)
1969-70	2 108 ( 4.1%)	7 250 (14.1%)	9 380 (18.3%)	16 792 (32.7%)	7 167 (13.9%)	8 695 (16.9%)	51 392 (100.0%)
1970-71	1 704 ( 3.1%)	9 492 (17.3%)	11 819 (21.5%)	20 140 (36.7%)	3 105 ( 5.7%)	8 591 (15.7%)	54 851 (100.0%)
1971-72	1 328 ( 2.5%)	8 736 (16.6%)	13 684 (26.1%)	16 901 (32.2%)	4 656 ( 8.9%)	7 191 (13.7%)	52 496 (100.0%)
1972-73	3 510 ( 5.2%)	5 562 ( 8.2%)	15 681 (23.0%)	31 734 (46.6%)	6 525 ( 9.6%)	5 041 ( 7.4%)	68 053 (100.0%)
1973-74	1 106 ( 1.8%)	5 509 ( 8.7%)	11 436 (18.1%)	31 273 (49.7%)	5 467 ( 8.7%)	8 184 (13.0%)	62 975 (100.0%)
1974-75	2 178 ( 3.5%)	8 049 (12.8%)	10 776 (17.1%)	28 304 (45.0%)	7 122 (11.3%)	6 516 (10.3%)	62 945 (100.0%)
1975-76	3 111 ( 4.6%)	8 072 (12.1%)	12 334 (18.4%)	31 669 (47.4%)	7 729 (11.6%)	3 953 ( 5.9%)	66 868 (100.0%)
1976-77	5 584 ( 9.0%)	8 357 (13.5%)	13 434 (21.6%)	26 080 (42.1%)	3 912 ( 6.3%)	4 643 ( 7.5%)	62 010 (100.0%)
1977-78	2 670 ( 3.7%)	11 144 (15.3%)	16 030 (22.1%)	31 538 (43.5%)	4 479 ( 6.2%)	6 677 ( 9.2%)	72 538 (100.0%)
1978-79	3 307 ( 4.6%)	7 246 (10.2%)	13 081 (18.4%)	32 311 (45.4%)	7 349 (10.3%)	7 906 (11.1%)	71 200 (100.0%)
1979-80	4 748 ( 5.4%)	15 364 (17.6%)	15 886 (18.1%)	37 198 (42.5%)	10 271 (11.7%)	4 063 ( 4.7%)	87 530 (100.0%)
1980-81	3 932 ( 4.2%)	11 088 (11.9%)	16 260 (17.5%)	41 936 (45.0%)	12 684 (13.6%)	7 254 ( 7.8%)	93 154 (100.0%)
1981-82	4 281 ( 4.2%)	11 405 (11.3%)	18 445 (18.3%)	48 776 (48.4%)	13 990 (13.9%)	3 984 ( 3.9%)	100 881 (100.0%)
1982-83	7 471 (7.7%)	8 530 (8.8%)	21 367 (22.0%)	39 939 (41.2%)	14 084 (14.5%)	5 624 (5.8%)	97 015 (100.0%)
1983-84 <sup>2</sup>	9 643 (9.6%)	11 529 (11.4%)	21 764 (21.6%)	38 860 (37.9%)	14 600 (14.5%)	4 260 (5.0%)	100 656 (100.0%)

<sup>1</sup> Canada August-July.<sup>2</sup> Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include bagged seed export USDA "Wheat Situation" 1964-65 to 1974-75, "Foreign Agriculture Circular" 1975-76 to 1983-84.

All Others — IWC "World Wheat Statistics" 1984 and "Review of World Wheat Situation" 1983-84.

TABLE XXIII

EXPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES  
 JULY-JUNE CROP YEARS 1964-65 to 1983-84

	Algeria 000 tonnes	Arab Republic of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes	Italy 000 tonnes
1964-65	356	1 917	—	2 292	5 406	712
1965-66	430	1 929	—	2 321	6 325	1 046
1966-67	790	2 498	—	2 637	5 124	1 031
1967-68	664	2 782	—	2 485	4 156	941
1968-69	700	1 945	N/A	2 425	20	1 574
1969-70	259	2 220	N/A	2 081	5 040	1 290
1970-71	646	2 835	N/A	1 855	3 660	1 440
1971-72	885	2 591	690	1 475	2 967	1 379
1972-73	645	3 040	2 176	2 950	5 289	1 211
1973-74	1 600	3 180	1 750	2 440	5 831	3 088
1974-75	1 762	3 489	2 057	1 663	5 675	1 636
1975-76	1 593	3 588	1 050	3 755	2 287	1 910
1976-77	1 338	3 956	765	3 504	3 156	2 428
1977-78	1 705	4 637	1 183	3 382	8 635	4 185
1978-79	1 006	5 541	1 221	3 739	1 969	1 242
1979-80	1 986	5 156	2 171	4 868	8 680	1 294
1980-81	1 824	6 755	659	3 855	13 775	1 914
1981-82	2 294	6 012	1 165	4 589	13 223	1 552
1982-83	2 064	6 188	1 564	3 879	12 963	1 190
1983-84 <sup>1</sup>	2 247	7 110	1 567	4 261	9 756	1 412
	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes	U.S.S.R. 000 tonnes
1964-65	4 362	710	1 433	528	4 190	2 656
1965-66	3 553	740	1 636	600	4 664	9 187
1966-67	4 260	611	1 755	654	4 176	4 683
1967-68	4 028	942	1 332	758	4 077	1 534
1968-69	4 183	1 279	1 154	4 183	4 576	147
1969-70	4 425	1 618	1 195	1 673	4 781	1 105
1970-71	4 834	1 310	1 972	1 752	5 359	315
1971-72	4 965	1 482	1 553	1 784	3 829	3 409
1972-73	5 486	2 049	1 000	1 736	4 535	15 000
1973-74	5 353	1 526	1 758	1 627	3 114	4 389
1974-75	5 404	1 684	1 234	1 703	2 935	2 934
1975-76	5 923	2 152	2 061	1 493	4 264	10 096
1976-77	5 522	1 401	2 885	1 832	3 422	4 559
1977-78	5 690	1 499	2 470	1 786	3 841	6 340
1978-79	5 584	1 218	2 323	1 702	1 491	5 024
1979-80	5 571	1 001	3 827	1 813	1 695	11 686
1980-81	5 930	1 055	3 877	2 072	1 380	14 911
1981-82	5 637	1 025	3 818	1 907	1 544	19 645
1982-83	5 597	579	2 899	1 804	1 119	20 140
1983-84 <sup>1</sup>	5 887	753	1 994	2 512	1 011	20 487

<sup>1</sup> Subject to revision.

Source: IWC "World Wheat Statistics" 1984 and "Review of the World Wheat Situation" 1983-84.



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TABLE XXIV

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN RED SPRING WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1961-62 to 1984-85**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1961-62	51.44	3.67	—	15.07	70.18
1962-63	55.12	—	—	13.74	68.86
1963-64	55.12	—	—	17.42	72.54
1964-65	55.12	—	—	14.22	69.34
1965-66	55.12	—	—	18.26	73.38
1966-67	55.12	—	—	17.89	73.01
1967-68	62.46	—	—	4.19	66.65
1968-69	62.46	—	—	—	62.46
1969-70	55.12	—	2.68 <sup>3</sup>	3.93 <sup>4</sup>	61.73
1970-71	55.12	—	—	6.28	61.40
1971-72	53.65	—	—	4.99	58.64
1972-73	53.65	11.02	—	14.47	79.14
1973-74	82.67	55.12	—	30.42	168.21
1974-75	82.67	55.12	—	26.60	164.39
1975-76	82.67	55.12	—	8.49	146.28
1976-77	110.23	—	—	6.92	117.15
1977-78	110.23	—	—	10.07	120.30
1978-79	110.23	18.37	—	31.93	160.53
1979-80	128.60	27.56	—	40.27	196.43
1980-81 <sup>5</sup>	156.16	40.34	—	25.62	222.12
1981-82	174.50	—	—	25.12	199.62
1982-83	174.50	—	—	17.84	192.34
1983-84	170.00	—	—	23.98	193.98
1984-85	170.00	—	—	—	—

<sup>1</sup> Base grade prior to 1971-72 was No. 1 Northern Wheat.

<sup>2</sup> Final payment and final realized price after deduction of Board Operation costs, but prior to deduction of P.F.A.A. Levy for years 1961-62 through 1969-70.

<sup>3</sup> Payment from Pool Account prior to payment from Temporary Wheat Reserves Act.

<sup>4</sup> Payment from Temporary Wheat Reserves Act.

<sup>5</sup> Crop years 1980-81 forward does not quote 1 CWRS 13% protein payment.



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## TABLE XXV

### SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN AMBER DURUM WHEAT IN STORE THUNDER BAY OR VANCOUVER FISCAL ACCOUNT YEARS 1978-79 to 1984-85

Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Total Realized Price <sup>1</sup> \$ per tonne
1978-79	110.23	18.37	20.33	148.93
1979-80	128.60	36.75	39.50	204.85
1980-81	183.72	55.28	0.58	239.58
1981-82	174.50	—	25.84	200.34
1982-83	174.50	—	12.95	187.45
1983-84	165.00	15.00	24.04	204.04
1984-85	180.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

## TABLE XXVI

### SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED OATS WHEAT IN STORE THUNDER BAY FISCAL ACCOUNT YEARS 1971-72 to 1984-85

Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1971-72	35.66	—	5.40	41.06
1972-73	35.66	6.48	26.46	68.60
1973-74	68.08	—	43.41	111.49
1974-75	68.08	6.48	32.76	107.32
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	—	9.58	84.15
1977-78	74.57	—	—	74.57
1978-79	74.00	—	11.41	85.41
1979-80	68.08	—	—	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00	—	—	110.00
1982-83	90.00	—	9.53	99.53
1983-84	75.00	25.00	6.61	106.61
1984-85	100.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.





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TABLE XXVII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN DESIGNATED ON  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEAR 1981-82 to 1984-85

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1981-82	140.00	—	30.39	170.39
1982-83	140.00	—	10.30	150.30
1983-84	125.00	15.00	16.83	156.83
1984-85	140.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

TABLE XXVIII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED BARLEY  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1971-72 to 1984-85

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1971-72	37.20	—	—	37.20
1972-73	39.50	4.13	23.63	67.26
1973-74	64.30	34.45	20.31	119.06
1974-75	71.19	27.56	8.30	107.05
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	—	11.12	91.50
1977-78	80.38	—	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	—	7.07	131.07
1982-83	110.00	—	—	110.00
1983-84	95.00	15.00	28.02	138.02
1984-85	110.00	15.00		

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



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TABLE XXIX

SIGNATURED BARLEY SCHEDULE OF PAYMENT FOR THE CANADIAN WHEAT BOARD  
SIS IN STORE THUNDER BAY  
OL ACCOUNT YEARS 1975-76 TO 1984-85

Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
75-76	75.78	13.78	71.42	160.98
76-77	105.64	—	42.95	148.59
77-78	98.75	—	8.43	107.18
78-79	98.75	—	20.76	119.51
79-80	98.75	34.45	34.54	167.74
80-81	133.20	34.80	39.30	207.30
81-82	158.00	—	28.02	186.02
82-83	158.00	—	5.38	163.38
83-84	140.00	—	28.09	168.09
84-85	140.00	15.00		

<sup>1</sup>Final payment and final realized price after deduction of Board operating costs.



TABLE XXX

EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES  
JULY-JUNE CROP YEARS 1973-74 to 1983-84

Crop Years	CANADA <sup>1</sup>			UNITED STATES	
	Thunder Bay 1 CWRS 13.5% Cdn. \$ per tonne	Pacific Coast 1 CWRS 13.5% Cdn. \$ per tonne	1 CWRS 13.5% U.S. \$ per tonne	Pacific Coast D.N.S. 14% U.S. \$ per tonne	Gulf Coast H.W.O. U.S. \$ per tonne
1973-74	199.00	204.00	207.00	190.00	177.00
1974-75	197.00	205.00	206.00	199.00	164.00
1975-76	176.00	193.00	192.00	185.00	152.00
1976-77	131.00	143.00	142.00	136.00	113.00
1977-78	137.00	151.00	137.00	129.00	116.00
1978-79	174.00	191.00	164.00	151.00	141.00
1979-80	219.00	236.00	202.00	186.00	174.00
1980-81	248.00	272.00	230.00	210.00	182.00
1981-82	221.00	244.00	201.00	184.00	171.00
1982-83	210.00	235.00	190.00	174.00	160.00
1983-84					
July	210.00	235.00	190.00	179.00	148.00
August	218.00	244.00	197.00	183.00	154.00
September	217.00	243.00	197.00	180.00	159.00
October	214.00	239.00	194.00	176.00	154.00
November	211.00	235.00	191.00	174.00	153.00
December	218.00	235.00	189.00	172.00	154.00
January	226.00	237.00	190.00	173.00	154.00
February	222.00	235.00	188.00	173.00	151.00
March	229.00	245.00	193.00	178.00	155.00
April	219.00	251.00	196.00	181.00	158.00
May	224.00	255.00	197.00	183.00	153.00
June	226.00	254.00	195.00	182.00	150.00
Crop Years	AUSTRALIA A.S.W.	ARGENTINA Trigo Pan	EEC Standard Wheat Specified Zones		
	U.S. \$ per tonne	U.S. \$ per tonne	U.S. \$ per tonne		
1973-74	195.00	<sup>2</sup>	185.00		
1974-75	167.00	163.00	168.00		
1975-76	147.00	144.00	139.00		
1976-77	113.00	107.00	—		
1977-78	119.00	116.00	97.00		
1978-79	142.00	132.00	133.00		
1979-80	169.00	192.00	171.00		
1980-81	181.00	204.00	170.00		
1981-82	165.00	179.00	150.00		
1982-83	164.00	148.00	132.00		
1983-84					
July	157.00	138.00	135.00		
August	158.00	140.00	151.00		
September	160.00	146.00	149.00		
October	156.00	148.00	146.00		
November	152.00	137.00	146.00		
December	151.00	134.00	146.00		
January	153.00	132.00	149.00		
February	148.00	126.00	147.00		
March	152.00	130.00	149.00		
April	154.00	140.00	156.00		
May	153.00	140.00	—		
June	151.00	141.00	140.00		

<sup>1</sup> Canadian Wheat Board official "in store" prices converted to F.O.B. at current FOBing rates — Australian Wheat Board selling price (F.O.B.) Australian Standard Wheat.

<sup>2</sup> Due to limited trading in this wheat in the 1973-74 crop year, no representative annual average price is available.

Source: IWC World Wheat Statistics and Canadian Wheat Board for 1983-84 Canadian prices.

— Not Quoted



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BLE XXXI

**SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD  
DELIVERY PERMITS ISSUED TO PRODUCERS  
FOR THE FISCAL YEARS 1958-59 TO 1983-84**

Fiscal Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
58-59	43,242	107,128	79,474	229,844
59-60	41,960	105,621	77,713	225,294
60-61	42,124	104,384	77,917	224,425
61-62	41,888	103,795	77,991	223,674
62-63	41,352	102,420	77,366	221,138
63-64	39,471	100,202	75,206	214,879
64-65	39,027	98,028	73,888	210,943
65-66	38,013	95,541	71,632	205,186
66-67	36,258	92,302	69,494	198,054
67-68	35,107	89,761	67,189	192,057
68-69	35,332	88,304	66,970	190,606
69-70	35,203	88,378	66,423	190,004
70-71	33,602	85,453	63,654	182,709
71-72	33,124	82,876	60,886	176,886
72-73	31,963	80,706	58,943	171,612
73-74	31,042	78,775	56,654	166,471
74-75	29,348	77,098	53,262	159,708
75-76	29,326	76,101	52,689	158,116
76-77	28,579	75,440	52,638	156,657
77-78	28,283	74,630	50,834	153,747
78-79	27,545	73,803	50,199	151,547
79-80	26,366	72,400	48,891	147,657
80-81	25,784	71,400	48,464	145,648
81-82	25,829	71,533	48,655	146,017
82-83	25,741	71,404	48,588	145,733
83-84	25,586	71,505	48,378	145,469



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**The Canadian Wheat Board**

**ANNUAL REPORT  
1984-85**

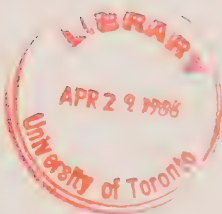




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# THE CANADIAN WHEAT BOARD

ANNUAL REPORT  
1984-85





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## MEMBERS OF THE BOARD

W. E. Jarvis .....	Chief Commissioner
R. L. Kristjanson .....	Assistant Chief Commissioner
F. M. Hetland.....	Commissioner
W. H. Smith .....	Commissioner

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David Olfert.....	Treasurer
G. P. Machej .....	Executive Director — Marketing
B. Oleson .....	Executive Director — Planning
J. W. Snell.....	Corporate Secretary

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Vancouver, British Columbia.....	G. N. Hedalen, Manager
Montreal, Quebec.....	G. M. Champagne, Manager

## Overseas Offices

London, England.....	P. W. Westdal, Manager
Tokyo, Japan.....	T. Ono, Manager





Honourable Charles Mayer  
Minister of State for the  
Canadian Wheat Board  
Ottawa, Ontario

Winnipeg, Manitoba  
March 31, 1986.

Sir:

We are pleased to submit the Annual Report of the Canadian Wheat Board for the crop year ending July 31, 1985, as required by the Canadian Wheat Board Act.

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# PART I THE INTERNATIONAL GRAIN MARKET



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## INTRODUCTION

Grain producers in Western Canada were reminded yet again in 1984-85 of the volatile nature of the international grain market. Exports of Western Canadian grain fell by nearly 10 million tonnes from the record 30.7 million tonnes recorded in 1983-84, a drop of almost one-third in the course of a single year. Most of this decline was due to the effect of a severe drought, which reduced the wheat crop by more than five million tonnes. Although Canada was able to sell its available supplies, and bring carry-overs down to very low levels, the international market during the year was fiercely competitive. This was the result of greatly expanded production in other regions of the world, notably the United States and the European Community. The growing surplus drove down prices and increased competition among the world's major grain-exporting regions and countries.

World grain production in 1984, at 1.3 billion tonnes, was well above the level of the previous year. Wheat production rose five per cent to a record 521 million tonnes, the fifth successive rise in world wheat output. Production of coarse grains staged a dramatic recovery from the low level of 1983-84. Total output was up almost 16 per cent to 798.5 million tonnes, an increase of over 100 million tonnes from the 691.3 million tonnes recorded the previous season.

Buoyed by increased import requirements on the part of the Soviet Union, world trade in grains rebounded substantially in 1984-85. Trade in wheat and flour attained a new record of 104 million tonnes, while trade in coarse grains increased by 12 per cent to nearly 102 million tonnes. However, as a result of the increased production, the world carry-over of wheat was up once again, reaching 133 million tonnes, an increase of 12 million tonnes. Carry-over stocks of coarse grains increased by almost 20 million tonnes from the very low level of 81 million tonnes in 1983-84.

Overall, grain prices maintained the lacklustre trend established in the previous season. A temporary strengthening in wheat prices early in the crop year on the basis of anticipated greater Soviet import needs was soon countered by the realization that there would be a much larger world wheat crop in 1984. The EC's wheat production jumped by nearly 17 million tonnes, while good yields and the relaxa-

tion of the Payment-In-Kind program in the United States caused that country's wheat output to increase by nearly five million tonnes. China increased its output by over six million tonnes. The net effect of this ballooning of production was to put downward pressure on wheat prices, an effect that was intensified especially in the closing months of the 1984-85 crop year. Meanwhile, U.S. coarse grain production shot up by 100 million tonnes, most of which was in corn. As a result, coarse grain prices declined in the first half of the season, leveling off from January onward on the basis of the support provided by U.S. government programs.

## WHEAT

### Production

World wheat production in 1984 was a record 521 million tonnes, some five per cent or 25 million tonnes above the 1983 outturn of 496 million tonnes. This was the fifth record crop in succession. The increase in production was due not so much to the slight expansion in wheat area as to higher yields. The average yield increased some four per cent to 2.2 tonnes per hectare.

The weather pattern in the grain-producing regions of the world was quite mixed. Western Canada experienced a major drought, as did the eastern U.S.S.R., Iraq, Syria, and sub-Saharan Africa. But extremely favourable weather conditions in other regions and countries contributed to the substantial increase in total world wheat output. In the United States, the Payment-In-Kind program was scaled down, resulting in an eight per cent expansion in wheat area. Despite less than ideal weather in the spring and summer of 1984, yields held up well and the crop harvested was the third largest on record. In the European Community, by contrast, the weather was excellent through the latter part of the growing season and this, combined with an expansion in the area sown to wheat and the shift to higher yielding varieties, resulted in a dramatic 30 per cent increase in output. Argentina and Australia also enjoyed excellent growing conditions and harvested near-record crops in spite of a reduction in their wheat areas. Eastern European production set new records, as did that in Bangladesh, China, and India. China witnessed particularly impressive results from an expansion in wheat area, improved cultivation methods and favourable weather and, at 87.8 million tonnes,



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was once again the world's largest producer of wheat.

**TABLE 1**  
**WORLD WHEAT PRODUCTION**

	1983 (Thousands of Tonnes)	1984 <sup>1</sup>
<b>EUROPE</b>	<b>103 652</b>	<b>127 704</b>
EEC <sup>2</sup>	59 397	76 282
Others	44 255	51 422
<b>U.S.S.R.</b>	<b>80 000</b>	<b>75 000</b>
<b>NORTH &amp; CENTRAL AMERICA</b>	<b>95 816</b>	<b>96 331</b>
U.S.A.	65 856	70 637
Canada	26 505	21 199
Others	3 455	4 495
<b>SOUTH AMERICA</b>	<b>16 193</b>	<b>17 101</b>
Brazil	2 193	2 029
Argentina	12 300	13 200
Others	1 700	1 872
<b>ASIA</b>	<b>142 960</b>	<b>150 334</b>
China	81 390	87 820
India	42 794	45 148
Others	18 776	17 366
<b>MIDDLE EAST</b>	<b>26 433</b>	<b>26 108</b>
Iran	6 500	6 000
Syria	1 612	1 068
Turkey	16 400	17 100
Others	1 921	1 940
<b>AFRICA</b>	<b>8 542</b>	<b>9 196</b>
Algeria	800	1 200
Egypt	1 996	1 815
Morocco	1 970	1 989
South Africa	1 774	2 176
Others	2 002	2 016
<b>OCEANIA</b>	<b>22 197</b>	<b>18 910</b>
Australia	21 903	18 630
Others	294	280
<b>Others Unspecified</b>	<b>307</b>	<b>316</b>
<b>WORLD TOTAL</b>	<b>496 100</b>	<b>521 000</b>

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

Source: For Canada — Statistics Canada

United States — USDA Crop Production, November 1985

For all other countries — IWC World Wheat Statistics

## Trade

World trade in wheat and flour in 1984-85 attained a new record of 104 million tonnes, four per cent above the previous year's level and three

million tonnes up on the earlier record of 101 million tonnes set in 1981-82. Table 2 shows exports of wheat and wheat flour by each major exporter in 1984-85.

**TABLE 2**  
**EXPORTS OF WHEAT AND WHEAT FLOUR**  
**By Principal Exporter (July-June Crop Year)**

	1983-84 (Thousands of Tonnes)	1984-85 <sup>1</sup> (Thousands of Tonnes)
Argentina	9 637	7 921
Australia	11 554	15 093
Canada	21 764	17 541
United States	38 860	38 092
EEC <sup>2</sup>	15 040	16 925
Others	3 565	8 708
<b>WORLD TOTAL</b>	<b>100 420</b>	<b>104 280</b>

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

Source: Statistics Canada and Canadian Grain Commission (Aug.-July) Crop Year

USDA Foreign Agriculture Circular, December 1985

All Others—IWC Review of the World Wheat Situation

The key feature of the international wheat market in 1984-85 was a sharp increase in demand by the Soviet Union. This was caused by the disappointing wheat crop in that country. Soviet wheat imports rose by some 37 per cent to 28 million tonnes. At the same time, China's wheat imports continued to decline, falling by some two and a half million tonnes. The dramatic upturn in production in the EEC permitted that region to cut its imports by 40 per cent to 2.1 million tonnes. There were significant declines in imports in the German Democratic Republic, Chile, Iran, and especially India, where wheat imports fell from 2.5 million tonnes to only 300 000 tonnes.

These declines were offset by increases in demand from other countries. The reduction in the Pakistani wheat crop caused that country to boost its imports by nearly a million tonnes. Syria's imports more than doubled to 1.4 million tonnes, while Turkey's rose by 400 000 tonnes. Brazil continued to increase its purchases. While African imports as a whole were only up marginally, aid shipments increased sharply to drought-stricken and famine-stricken regions of the continent.

Wheat exports from the United States continued the downtrend of the previous two years and dropped a further two per cent to 38.1 million tonnes. For the second consecutive year, Australia



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experienced a dramatic increase in its wheat exports; they rose by over 30 per cent to more than 15 million tonnes. Wheat exports from Canada fell by over 19 per cent to 17.5 million tonnes. EC wheat exports rose by nearly two million tonnes as the EC abandoned its policy of limiting its exports in order to assuage American sensibilities. Exports from Argentina fell back to 7.9 million tonnes after their substantial increase to 9.6 million tonnes in 1983-84.

**TABLE 3**  
**WORLD WHEAT CARRYOVER STOCKS**

	1983 (Thousands of Tonnes)	1984 <sup>1</sup>
<b>EUROPE</b>	27 696	24 916
EEC	10 759	8 207
Others	16 937	16 709
<b>NORTH &amp; CENTRAL AMERICA</b>	52 041	47 830
U.S.A.	41 232	38 076
Canada	9 983	9 171
Others	826	583
<b>SOUTH AMERICA</b>	4 575	4 172
Brazil	2 448	2 382
Argentina	1 500	1 000
Others	627	790
<b>ASIA</b>	25 715	38 023
China	12 900	20 100
India	7 442	11 919
Others	5 373	6 004
<b>MIDDLE EAST</b>	5 608	7 621
Iran	2 136	3 975
Iraq	1 258	1 623
Turkey	708	204
Others	1 506	1 819
<b>AFRICA</b>	3 217	3 052
Algeria	625	360
Egypt	699	1 224
Morocco	223	400
South Africa	1 064	667
Others	606	401
<b>OCEANIA</b>	2 314	7 522
Australia	2 312	7 518
Others	2	4
<b>WORLD TOTAL</b>	121 166	133 136

<sup>1</sup> Preliminary: Subject to Revision

Source: IWC World Wheat Statistics 1985

### Carryover Stocks

As was the case in 1983-84, substantial world wheat beginning stocks and record world production in 1984-85 once again contributed to a dramatic rise in stocks at the end of the crop year. As shown in Table 3, world carryover stocks of wheat totaled 133 million tonnes, a 10 per cent rise on the level of the previous year.

The largest increase in wheat carryover was in Australia, where stocks more than tripled to 7.5 million tonnes. In all of the other exporting regions and countries, however, wheat carryover declined. In Western Europe, stocks were down by 23 per cent to 11.3 million tonnes. Argentina's wheat carryover declined by one-third to one million tonnes. Wheat carryover decreased in Canada and the U.S. by about eight per cent.

In the majority of the importing countries carryover stocks did not change materially at the end of the 1984-85 crop year. One important exception was China, where stocks increased to 20.1 million tonnes, a 56 per cent rise on the previous year's figure. India's stocks rose 40 per cent to 11.9 million tonnes, while Iran's stocks rose by an equivalent percentage to nearly four million tonnes. The carryover in both Egypt and Morocco nearly doubled while that in South Africa and Algeria was almost halved.

### Price

Wheat prices displayed a trend towards steady erosion in 1984-85, accentuated by a sharp drop after April 1985. Graph 1 shows f.o.b. prices for major Canadian and U.S. wheats.

Export wheat prices essentially reflected the fundamental supply and demand factors which characterized the world wheat market in 1984-85. World production continued to grow and to outstrip consumption, resulting in large carryover stocks overwhelming the market. Early in the crop year, however, prices held up relatively well on the basis of the shortfall in the Soviet crop and the consequent substantial U.S.S.R. import requirements. Nevertheless, a dampening effect was introduced by the record world wheat harvest and declining demand from some other importing countries.

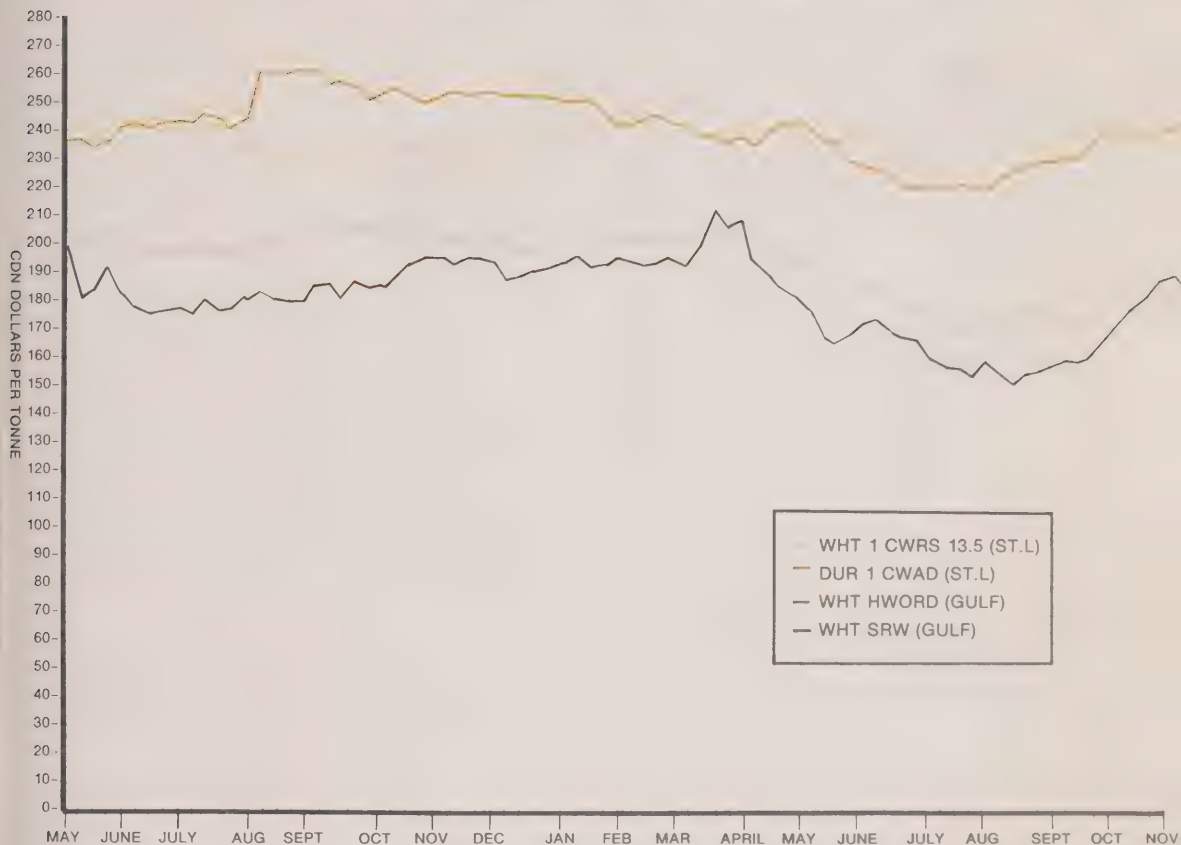
The first signs of significant price erosion began to appear in early 1985, when Argentina made its seasonal entry into the market with prices heavily discounted.





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counted from those of its competitors. In April prices moved sharply downward on the expectation of another large world harvest in 1985-86 coupled with a decline in world trade due to anticipated reduced Soviet import needs in 1985-86. The introduction by the U.S. in May 1985 of the Export Enhancement Program (EEP) intended to meet competition in markets supplied with subsidized grain from the EC, reinforced this downward trend, and prices finished out the year substantially lower.

### DURUM

#### Production

After a sharp drop in 1983, durum production increased once again in 1984. The total outturn was

12 per cent higher at 23.6 million tonnes. A major gain in output was recorded in the European Community, where the crop was some 50 per cent larger at over six million tonnes. Elsewhere in Western Europe, Spanish production more than doubled to over 400 000 tonnes.

In the U.S., durum acreage recovered from a 44 per cent reduction in 1983 and production rose 40 per cent to 2.8 million tonnes. Canadian producers sowed a record area to durum, but a severe drought in the principal durum-producing region caused the crop to decline by over 500 000 tonnes to 2.1 million tonnes. Among the important importing countries, Algeria and Tunisia both enjoyed larger crops, while Syria experienced a sharp decline in production.





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**TABLE 4**  
**WORLD DURUM PRODUCTION**

	1983 (Thousands of Tonnes)	1984 <sup>1</sup>
<b>WESTERN EUROPE</b>	4 250	6 580
Austria	48	47
EEC <sup>2</sup>	4 010	6 084
France	399	543
Greece	567	912
Italy	3 040	4 595
Spain	186	426
<b>NORTH AMERICA</b>	4 634	4 925
Canada	2 648	2 110
U.S.A.	1 986	2 815
<b>SOUTH AMERICA</b>	230	200
Argentina	230	200
<b>MIDDLE EAST</b>	7 100	6 800
Syria	1 070	630
Turkey	5 500	6 000
<b>NORTH AFRICA</b>	2 320	2 600
Algeria	480	720
Morocco	1 230	1 200
Tunisia	510	584
<b>OTHERS<sup>3</sup></b>	2 500	2 500
<b>WORLD TOTAL</b>	21 100	23 600

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

<sup>3</sup> Includes Estimates for the U.S.S.R. & Other Centrally Planned Countries

Source: IWC World Wheat Statistics

#### Trade

As shown in Table 5, trade in durum wheat in 1984-85 fell to 3.5 million tonnes, a decrease of about half a million tonnes from the previous year. Although U.S.S.R. durum imports recovered somewhat from the very low level of 400 000 tonnes which they had reached in 1983-84, at 690 000 tonnes they were still well below the 1.3 million tonnes required in 1982-83. Meanwhile, the higher production levels in the EC and Algeria reduced total durum import requirements, and EC durum exports actually grew by 75 per cent. The share of world durum exports held by Canada and the United States consequently fell from 95 per cent the previous year to 92 per cent in 1984-85.

#### Carryover

Carryover stocks of durum wheat in Canada, the United States and the European Community, the key

**TABLE 5**  
**EXPORTS OF DURUM BY PRINCIPAL EXPORTERS**

	1983-84 (Thousands of Tonnes)	1984-85
Canada <sup>2</sup>	2 543	1 826
EEC <sup>3</sup>	85	150
U.S.A. <sup>4</sup>	1 442	1 372
Others <sup>3</sup>	—	140
<b>WORLD TOTAL</b>	4 019	3 488

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> August-July Crop Year

<sup>3</sup> July-June Crop Year

<sup>4</sup> June-May Crop Year

Source: Canada — Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports"

All Others — IWC World Wheat Situation 1984-85

exporting countries, increased almost 11 per cent to more than 4.6 million tonnes. Despite the sharp increase in EC durum exports, carryover stocks in that region doubled to more than 1.4 million tonnes. There was a slight rise in carryover stocks in the United States, while Canadian stocks were drawn down in response to the smaller crop.

#### Price

Graph 1 on page 7 shows the f.o.b. price of No. 1 Canada Western Amber Durum wheat throughout the 1984-85 crop year. Durum prices rose early in the year as the impact of the widespread drought in the durum-producing regions of Canada became known. They peaked in early September, however, and began to fall off subsequently as it became evident that world import demand would remain depressed and supplies were more than adequate. Prices slumped sharply from January 1985 onward, and by late June had fallen to around Cdn.\$225 per tonne, the lowest level in the 1984-85 crop year and some \$20 below the price a year earlier.

#### COARSE GRAINS

##### Production

In a dramatic reversal of the situation the previous year — when the smallest crop since 1975 had been recorded — world production of coarse grains in 1984 shot up by 107 million tonnes to set a new record of 798.5 million tonnes. Larger crops in the U.S., China, and the EC contributed to the increase. Coarse grain production by region is shown in Table 6.



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**TABLE 6**  
**WORLD PRODUCTION OF COARSE GRAINS**

	1983 (Millions of Tonnes)	1984
<b>WESTERN EUROPE</b>	<b>86.4</b>	<b>103.9</b>
EEC <sup>2</sup>	64.2	74.4
Denmark	4.8	6.8
France	21.6	24.8
Germany, Fed. Rep. of	14.0	16.2
Italy	8.3	8.9
United Kingdom	10.5	11.7
Others EEC	5.0	6.0
Spain	9.3	14.4
Sweden	3.7	5.1
Others	9.2	10.0
<b>EASTERN EUROPE</b>	<b>67.3</b>	<b>70.7</b>
Hungary	7.7	8.2
Poland	16.9	18.3
Romania	14.5	14.3
Yugoslavia	11.7	12.1
Others	16.5	17.8
<b>U.S.S.R.</b>	<b>105.0</b>	<b>85.0</b>
<b>NORTH &amp; CENTRAL AMERICA</b>	<b>177.5</b>	<b>279.5</b>
Canada	21.0	22.0
Mexico	13.8	13.8
U.S.A.	137.1	237.1
Others	5.6	6.6
<b>SOUTH AMERICA</b>	<b>45.0</b>	<b>47.2</b>
Argentina	18.0	20.1
Brazil	21.5	22.0
Others	5.5	5.1
<b>ASIA</b>	<b>158.9</b>	<b>159.0</b>
China	92.0	95.0
India	34.0	33.0
Indonesia	5.1	5.2
Thailand	4.3	4.9
Turkey	7.6	7.9
Others	15.9	13.0
<b>AFRICA</b>	<b>41.2</b>	<b>43.9</b>
Egypt, Arab Rep. of	3.5	3.6
Nigeria	6.6	8.7
South Africa	5.2	8.2
Others	25.9	23.4
<b>OCEANIA</b>	<b>10.0</b>	<b>9.3</b>
Australia	9.5	8.9
Others	.5	.4
<b>WORLD TOTAL</b>	<b>691.3</b>	<b>798.5</b>

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

Source: For Canada — Statistics Canada

United States — USDA Foreign Agriculture Circular, December 1985

For all other countries — IWC Review of the World Wheat Situation

As in 1983, the United States was once again the principal factor in the change in output. Reacting to the effects of the severe drought which had been experienced the previous season, U.S. farmers significantly increased their sowings of corn and sorghum. Combined with limited participation in acreage reduction programs due to the removal of Payment-In-Kind provisions, this caused U.S. corn output to increase by 93 per cent, to 194.5 million tonnes. Overall, the U.S. coarse grain harvest was higher by exactly 100 million tonnes, after having fallen by 114 million tonnes the previous year.

Production of barley was higher in the EC and elsewhere in Western Europe. Excellent weather produced record yields and EC barley production reached a new high of 44.4 million tonnes. Substantially larger crops were recorded in Spain and Sweden as well. Despite a sharp rise in barley sowings in Canada, however, its coarse grain crop increased only marginally to 22 million tonnes, due to the effects of a severe drought.

Although the Australian barley outturn attained a new record of 5.6 million tonnes, total Australian coarse grains output was down by six per cent, to 8.9 million tonnes. Soviet coarse grain production dropped back to its 1982 level of 85 million tonnes from 105 million tonnes. Increased corn output in China contributed to the fourth successive rise in coarse grain production there. Significantly larger crops were also recorded throughout most of Eastern Europe and in South Africa, Nigeria, and Thailand.

### Trade

In 1984-85 world trade in coarse grains experienced a robust recovery, from the depressed levels of the previous two seasons. Total trade jumped by some 11 million tonnes from the 1983-84 level, to 101.9 million tonnes. Exports of coarse grains by principal exporters are shown in Table 7.

The substantial increase in world coarse grain trade was attributable principally to the U.S.S.R.'s vastly expanded import requirements, which reached a record 27.3 million tonnes. This more than offset reduced import needs elsewhere in the world.

Among the major coarse grain-exporting regions and countries, the U.S. once again increased its exports only slightly, to 56 million tonnes. Canadian coarse grain exports were almost cut in half, to 3.5



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**TABLE 7**  
**EXPORTS OF COARSE GRAINS**  
**By Principal Exporters (July-June Crop Years)**

	1983-84	1984-85 <sup>1</sup>
	(Millions of Tonnes)	
Argentina	12.0	10.6
Australia	4.3	7.4
Canada	6.5	3.5
EEC <sup>2 3</sup>	3.0	8.0
South Africa	0.1	—
Thailand	3.1	3.4
U.S.A.	55.7	56.0
Others	6.3	13.0
<b>WORLD TOTAL</b>	<b>91.0</b>	<b>101.9</b>

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

<sup>3</sup> Excluding EEC Intra-Trade

Source: Canadian Grain Commission — Canadian Grain Exports  
USDA — Foreign Agriculture Circular, December 1985  
All Others — IWC Review of the World Wheat Situation  
1984-85

million tonnes from 6.5 million in 1983-84. By contrast, the EC's exports shot up from three million tonnes to eight million tonnes and Australia's exports increased by three million tonnes to 7.4 million tonnes. Thailand's exports of coarse grains increased only marginally, to 3.4 million tonnes, while Argentina's exports dropped by a million and a half tonnes to 10.6 million tonnes. The result was a significant realignment in market shares.

### Carryover Stocks

World carryover stocks at the end of 1984-85 stood at 100 million tonnes, up some 20 million tonnes from the previous season's closing stock level. Stocks in the United States rose by 18 million tonnes, or over 50 per cent to close at more than 50 million tonnes.

### Price

Coarse grain prices in 1984-85 generally maintained the downward trend and this contributed to a steady downward pressure on prices throughout the year.

Corn prices in the United States began to taper off in the early summer of 1984 when it became apparent that the crop would stage a dramatic recovery from the very low levels of the previous year. Graph

2 indicates the price of No. 3 Yellow U.S. corn, in Canadian dollars. The price for U.S. corn, f.o.b. Gulf, dropped precipitously from U.S.\$144 per tonne in July 1984 to \$117 by the end of 1984. Prices then stabilized over the remainder of the year, principally because of the support provided by the loan rate and the large accumulation of stocks under various government programs.

### BARLEY

#### Production

World barley output in 1984-85 was 173.4 million tonnes, some 4.5 million tonnes or three per cent higher than in 1983-84. Table 8 shows barley production in the major producing regions.

**TABLE 8**  
**WORLD BARLEY PRODUCTION**

	1983	1984-85
	(Millions of Tonnes)	
Australia	4.9	5.1
Canada	10.3	10.3
China	6.9	5.1
Eastern Europe	15.4	18.1
EEC	36.1	44.4
U.S.A.	11.1	13.1
U.S.S.R.	54.0	42.1
Others	30.2	34.1
<b>WORLD TOTAL</b>	<b>168.9</b>	<b>173.4</b>

<sup>1</sup> Subject to Revision

Source: USDA Foreign Agriculture Circular, December 1985  
For all other countries except Canada

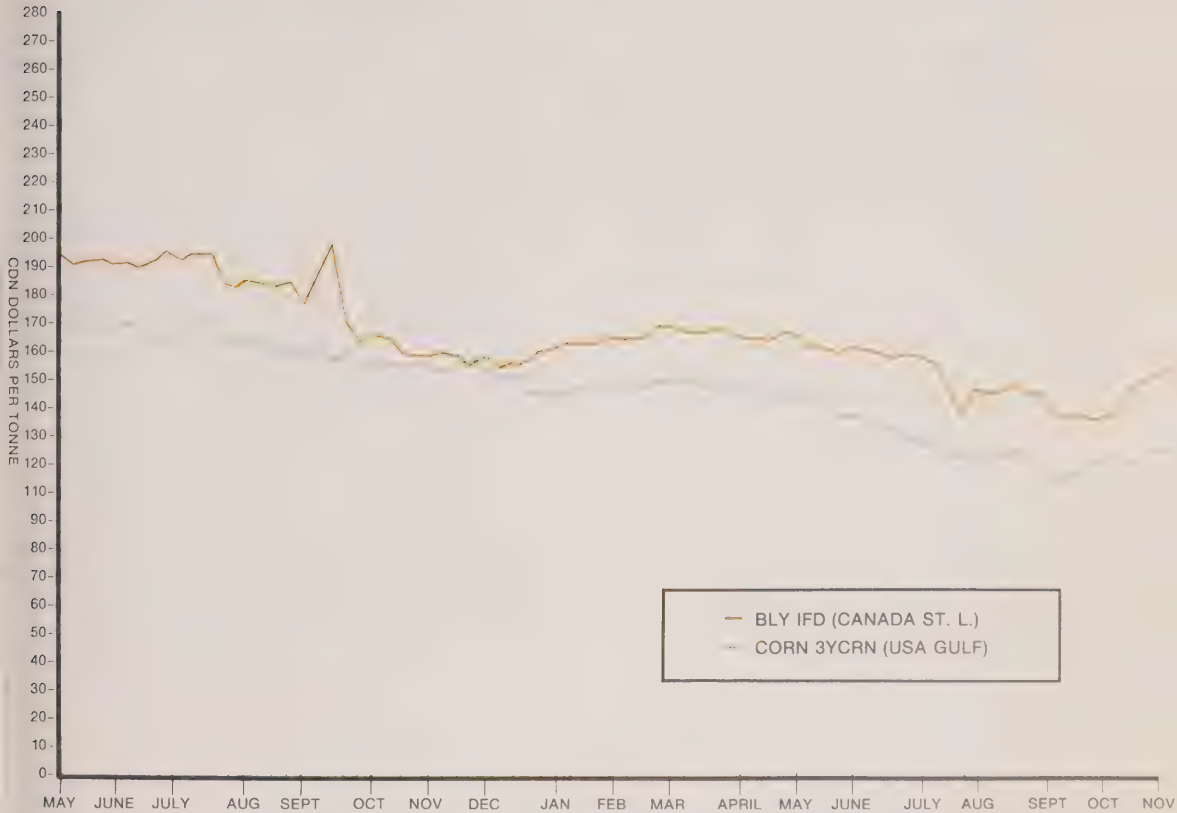
The most dramatic rise in output was recorded in the European Community, where production jumped by 23 per cent to 44.4 million tonnes. East European production increased by 18 per cent to 18.1 million tonnes. The U.S. barley outturn grew by nearly two million tonnes to 13 million tonnes. In Australia, a larger area was sown to barley and production expanded by 14 per cent to 5.6 million tonnes. In Canada, however, a substantial increase in the barley acreage was offset by the effects of a prolonged drought, and the output remained identical with that of the previous year at 10.3 million tonnes.

Barley production in the Soviet Union fell by 29 per cent, to 42.1 million tonnes, after having risen 32 per cent in 1983-84. China's crop declined



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## GRAPH 2 WEEKLY F.O.B. COMPARATIVE PRICE ANALYSIS



1.3 million tonnes, or 20 per cent, to 5.6 million tonnes.

### Trade

Table 9 shows barley exports by the four major exporting regions. World trade in barley in 1984-85 was up by almost four million tonnes or 25 per cent, to 19.3 million tonnes. The benefit of the increased trade went principally to the EC and Australia, whose barley exports increased by 95 per cent and almost 50 per cent respectively. Canadian exports, meanwhile, were cut in half, while those of the United States declined by an only slightly more modest 38 per cent. Exports from smaller exporters such as Spain, Sweden, and Finland shot up from a mere 300 000 tonnes in 1983-84 to 2.3 million tonnes in 1984-85.

**TABLE 9**  
**EXPORTS OF BARLEY**  
**By Principal Exporter (Oct.-Sept. Crop Year)**

	1983-84	1984-85 <sup>1</sup>
	(Millions of Tonnes)	
Australia	3.7	5.5
Canada	5.5	2.8
EEC	3.8	7.4
U.S.A.	2.1	1.3
Others	0.3	2.3
<b>World total</b>	<b>15.4</b>	<b>19.3</b>

<sup>1</sup> Subject to Revision

Source: USDA Foreign Agriculture Circular for all Countries  
Oct.-Sept. Crop Year except Canada  
Canada — Statistics Canada & Canadian Grain Commission  
Aug.-July Crop Year





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Among the major importing regions, the Soviet Union increased its purchases of barley from just over 800 000 tonnes in 1983-84 to nearly four million tonnes in 1984-85. Saudi Arabian imports rose by nearly 900 000 tonnes to roughly 4.8 million tonnes, while Morocco more than doubled its imports. Significant increases in imports were recorded as well in Taiwan, South Korea, Japan, Iran, and Cyprus.

#### Carryover Stocks

Estimated carryover stocks at the end of the 1984-85 crop year were some 55 per cent higher than the closing balance of the previous season. Total stocks were estimated to have risen by roughly eight million tonnes to 22 million tonnes. The most noticeable increase in carryover stocks occurred in the EC.

#### Price

As was the case with corn, barley prices reflected the expansion in world supply and experienced general erosion in 1984-85, particularly after April. Graph 2 on page 11 shows export trade quotes for No. 1 Feed barley f.o.b. St. Lawrence.

Export barley prices weakened slightly in the first half of the crop year, largely on the basis of the increased world supply of coarse grains. They strengthened somewhat through the winter months before turning decisively downward at the end of April. By the end of June No. 1 Feed barley was quoted more than Cdn.\$20 below its price at the start of the season, and was trading at a sharp discount to corn.

#### OATS

The striking feature of the international oats market in 1984-85 was the extent to which Sweden continued to make its presence felt. While oats production declined in major producing areas such as the United States, Canada, Australia, and Finland, Swedish production increased by 50 per cent to nearly two million tonnes. As a result, Swedish oats exports more than tripled to over 500 000 tonnes.

Canada and the United States experienced marginal decreases in production. However, Canadian exports were cut by more than 100 000 tonnes due to intense competition from Sweden in the U.S. market. The availability of Swedish and Finnish oats in the U.S. market resulted in a steady downward trend in oats prices from November onward.



# PART II SALES OF CANADIAN GRAIN



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## WHEAT

Canadian wheat exports, including durum wheat and wheat flour, dropped from a record 21.8 million tonnes in 1983-84 to only 17.5 million tonnes in 1984-85. This was due mainly to the smaller Canadian crop.

Exports in 1984-85 to each of Canada's 10 largest customers were down from the previous year, with the exception of Syria, which more than doubled its purchases from the year before. Other countries which substantially increased Canadian wheat imports, or became new markets, include Belgium/Luxembourg, East Germany, Ethiopia, Indonesia, Malaysia, North Yemen, the United States, and Venezuela. Table 10 shows major customers and total purchases for these countries in the past three years.

**TABLE 10**  
**CANADIAN WHEAT (Including durum) AND WHEAT FLOUR EXPORTS TO MAJOR MARKETS**

	1984-85 <sup>2</sup>	1983-84	1982-83
	(Thousands of Tonnes)		
U.S.S.R.	6 019	6 761	6 959
China	2 845	3 514	4 424
Japan	1 324	1 325	1 341
Brazil	1 152	1 363	1 503
Cuba	779	1 053	1 101
U.K.	633	955	1 109
Syria	580	265	242
Algeria	508	813	517
E.A.R.	468	686	49
Iraq	367	608	280
Italy	221	702	624
Others <sup>1</sup>	2 647	3 680	3 219
<b>TOTAL</b>	<b>17 543</b>	<b>21 765</b>	<b>21 368</b>

<sup>1</sup> Preliminary — Subject to Revision

<sup>2</sup> Includes — Bagged Seed Exports

Source: Canadian Grain Commission for 1984-85  
Previous Years — Statistics Canada

## DURUM WHEAT

Of total wheat exports of 17.5 million tonnes, about 1.8 million tonnes was durum wheat. This was down more than 700 000 tonnes from the year before. Reduced Western Canadian durum supplies,

combined with smaller imports by major buyers such as Algeria, France, and Italy, accounted for the decrease.

Table 11 shows the ten largest durum customers in 1984-85 and compares their imports to the previous two crop years. Increased domestic production and greater availability of EEC durum enabled Algeria, France, and Italy to reduce purchases of Canadian durum. New markets, or countries which increased purchases of Canadian durum in 1984-85, include Belgium/Luxembourg, East Germany, Iraq, and Venezuela.

**TABLE 11**  
**CANADIAN DURUM EXPORTS TO MAJOR MARKETS**

	1984-85 <sup>1</sup>	1983-84	1982-83
	(Thousands of Tonnes)		
U.S.S.R.	533	555	1204
Algeria	508	813	512
Italy	162	504	526
France	123	199	99
Libya	103	93	47
Japan	61	60	77
Cuba	59	52	59
Poland	26	52	59
Netherlands	24	85	12
Others	227	133	92
<b>TOTAL</b>	<b>1 826</b>	<b>2 546</b>	<b>2 687</b>

<sup>1</sup> Preliminary — Subject to Revision

Source: Canadian Grain Commission for 1984-85  
Previous Years — Statistics Canada

## OATS

The Wheat Board continued to incur problems acquiring oats for export in 1984-85. Exports were further hampered by low-priced oats offered by other exporters such as Sweden. Canadian oats exports totaled 17 850 tonnes in 1984-85. All shipments went to the United States.

## BARLEY

The shortage of supplies in 1984-85 affected barley more than any other crop. Slow deliveries during some parts of the year also forced cutbacks in the export program. Barley exports were cut by more than half from 5.3 million tonnes in 1983-84 to 2.6 million tonnes in 1984-85. Only 10 countries pur-



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chased Canadian barley compared to 27 countries the year before. East Germany, the U.S.S.R., and Japan continued to be the major barley markets. Table 12 provides a list of barley customers in 1984-85 and compares their purchases to the two previous years.

**TABLE 12**  
**CANADIAN BARLEY EXPORTS**  
**TO MAJOR MARKETS**

	1984-85 <sup>1</sup>	1983-84	1982-83
	(Thousands of Tonnes)		
Germany,			
Peoples Rep. of	798	1 123	600
Japan	735	820	970
U.S.S.R.	410	472	1 526
Israel	187	256	252
Singapore	140	262	—
Iraq	135	197	101
Others	199	2 137	1 881
<b>BULK GRAIN</b>			
TOTAL	2 604	5 267	5 330
MALT	177	269	318
<b>GRAND TOTAL</b>	<b>2 781</b>	<b>5 536</b>	<b>5 648</b>

<sup>1</sup> Preliminary — Subject to Revision

Source: Canadian Grain Commission for 1984-85  
Previous Years — Statistics Canada

### DOMESTIC FEED GRAIN POLICY

During the first weeks of the crop year, the Board made feed grains available for sale in Western Canada. However, corn competitive prices dropped throughout the fall and by the first week of December, when corn competitive prices fell below world prices and local open market prices, the Wheat Board announced suspension of sales to the domestic market.

Table 13 shows Wheat Board domestic feed grain sales by grain for 1984-85. While total Board sales to domestic feeders were above the level of 1983-84, they were still far below the level of previous years. Of the total 101 500 tonnes sold by the Board, about 80 000 tonnes was sold from country elevators in Western Canada.

Use of Western Canadian feed grains in Eastern Canada decreased significantly in 1984-85 to 728 000 tonnes, compared with 1.34 million tonnes in 1983-84. Of the total, all but 21 000 tonnes was

supplied to Eastern feeders by the off-Board feed grain market.

**TABLE 13**  
**WHEAT BOARD SALES OF CANADIAN**  
**DOMESTIC FEED GRAINS**

Crop Year	Wheat	Oats	Barley	Total
	(Thousands of Tonnes)			
1984-85	24.1	5.3	72.1	101.5
1983-84	33.7	.8	.4	34.9
1982-83	257.6	97.7	98.2	453.5
1981-82	363.7	111.3	226.4	701.4
1980-81	354.7	10.4	31.7	396.8

### DOMESTIC WHEAT PRICES

Under the domestic wheat price program, Canadian millers buy wheat at export prices, as long as they fall within a range established by the federal government. Minimum and maximum wheat prices to Canadian millers remained unchanged from the 1983-84 crop year. For No. 1 Canada Western Red Spring wheat, 13.5 per cent protein, instore Thunder Bay, there was a minimum price of \$183.72 per tonne (\$5.00 per bushel) and a maximum of \$257.21 per tonne (\$7.00 per bushel). The minimum price established for durum wheat, based on No. 1 Canada Western Amber Durum wheat at Thunder Bay, was also \$183.72 per tonne. There was no maximum price established for durum.

Beginning December 1, 1984, the export value of wheat was determined on the basis of exports from both the West Coast and Thunder Bay. The inclusion of West Coast exports recognizes the growing volume of wheat being shipped out of western positions.

Export prices were above the minimum and below the maximum domestic price throughout the 1984-85 crop year. As a result, no subsidy, either to the producer or consumer, was incurred.

### FOOD AID PROGRAMS

Export shipments of wheat and wheat flour under Canada's food aid programs decreased during the 1984-85 crop year to 653 940 tonnes. Canada's contributions under the World Food Program increased during the crop year, while those of the Canadian International Development Agency declined during the August-July period. China was the largest recipient of food aid with shipment from all program totaling almost 159 000 tonnes. Table 14 provides a list of all food aid shipments by country.



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TABLE 14

CANADIAN FOOD AID SHIPMENTS 1984-85

(August-July)

— Tonnes —

Country	CIDA	World Food Program	Total
China.....	—	158 615	158 615
Ethiopia.....	27 357	40 000	67 357
Bangladesh.....	64 845	—	64 845
Sri Lanka.....	44 444	—	44 444
Kenya.....	29 100	9 388	38 488
Egypt.....	—	31 061	31 061
Mozambique.....	20 760	—	20 760
Ghana.....	17 366	—	17 366
Zimbabwe.....	16 630	—	16 630
Sudan.....	15 139	—	15 139
Syria.....	—	14 235	14 235
Zambia.....	11 600	—	11 600
Chad.....	—	11 534	11 534
Mauritania.....	10 950	—	10 950
Yemen (PDR).....	—	10 488	10 488
Tanzania.....	9 965	—	9 965
Lebanon.....	—	9 602	9 602
Senegal.....	9 000	—	9 000
Brazil.....	—	6 899	6 899
Togo.....	6 625	—	6 625
Angola.....	—	6 279	6 279
Niger.....	—	4 208	4 208
Colombia.....	—	4 013	4 013
Honduras.....	—	4 000	4 000
Paraguay.....	—	3 812	3 812
Ecuador.....	—	2 760	2 760
Nicaragua.....	—	2 418	2 418
Guinea.....	2 070	—	2 070
Guatemala.....	—	691	691
Haiti.....	—	522	522
Costa Rica.....	—	235	235
St. Vincent.....	—	215	215
St. Lucia.....	—	88	88
Antigua.....	—	62	62
<b>TOTAL</b>	<b>285 851</b>	<b>321 125</b>	<b>606 976</b>

Canadian Food Grains Bank Association (Ethiopia, 9 864; India, 5 000; Sudan, 4 000.)

Agriculture Development Corporation of Saskatchewan (Ethiopia, 23 100.) 46 964

Government of Ontario (Ethiopia, 5 000.)

**GRAND TOTAL** 653 940



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## CREDIT SALES

Wheat Board credit sales of wheat, oats, and barley were down from the level of the year before. A total 3.5 million tonnes of grain was sold by the Wheat Board under credit for 1984-85, compared with 4.2 million tonnes the year before.

The destinations of Canadian grain exports under credit are shown in Table 15. All credit sales were made at commercial terms and rates. The credit was financed by the Wheat Board and guaranteed by the federal government.

TABLE 15

## 1984-85 CANADIAN GRAIN EXPORTS UNDER CREDIT AGREEMENTS

Country	Wheat	Durum	Barley	Total
Brazil	1 145 297			1 145 297
Egypt	450 057			450 057
Iraq	314 755	52 116	134 889	501 760
East Germany	119 815	49 731	798 287	967 833
Israel	99 385		187 070	286 455
Peru	26 250			26 250
Haiti	25 200			25 200
Jamaica	23 625			23 625
Mexico			41 123	41 123
TOTAL	2 204 386	101 847	1 161 369	3 467 602



# PART III THE SUPPLY AND TRANSPORTATION OF CANADIAN GRAIN



1935-1985

## INTRODUCTION

Grain supplies for the 1984-85 crop year were drastically reduced from the previous year. Weather problems significantly reduced the 1984 Prairie crop and grain shipments from Western Canada decreased. Exports of the six major Prairie grains and products totaled 23.1 million tonnes, down 7.6 million tonnes from the record of 1983-84.

However, the Board's export sales program was brisk considering the competitive nature of the world grain trade in 1984-85. Producers were able to deliver on relatively large quotas early in the crop year, and quotas were open for most grains well before the end of July. Prairie-wide, on-farm stocks were drawn down to their lowest levels in many years.

## CROP DEVELOPMENT, QUALITY, AND SIZE

Production of the six major Prairie grains totaled 35.3 million tonnes in 1984. This was a decrease of 13 per cent from the year before, and below the 10-year average production on the Prairies.

Conditions were varied at the start of the 1984 growing season. Seeding in some northern regions was delayed because of excess moisture, while the southern Prairies were extremely dry. Rain in June improved seeding progress in the south and improved growing conditions, although there was not enough to replenish sub-soil moisture.

The crop deteriorated rapidly in July when hot, dry weather arrived in southern Alberta, southern Saskatchewan, and southwestern Manitoba. As

TABLE 16  
1984<sup>1</sup> PRAIRIE YIELDS AND PRODUCTION

	ALBERTA				SASKATCHEWAN			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	10-year Average		10-year Average		10-year Average		10-year Average	
	1984	1974-83	1984	1974-83	1984	1974-83	1984	1974-83
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	24.6	30.2	4.9	4.7	21.1	26.6	11.5	12.7
Barley	41.0	45.7	4.6	5.5	35.3	40.8	2.5	2.9
Oats	53.3	57.7	1.0	1.3	36.5	48.4	.5	1.0
Rye	27.7	30.2	.1	.2	23.2	24.4	.2	.2
Flaxseed	15.0	17.8	—	.1	13.5	15.5	.2	.2
Rapeseed	19.7	20.3	1.3	.9	19.4	21.5	1.4	.9
TOTAL PRODUCTION	—	—	11.9	12.7	—	—	16.3	17.9

	MANITOBA				TOTAL PRAIRIES			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	10-year Average		10-year Average		10-year Average		10-year Average	
	1984	1974-83	1984	1974-83	1984	1974-83	1984	1974-83
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	30.9	27.4	3.7	2.6	23.3	27.4	20.1	20.0
Barley	49.4	42.1	1.9	1.7	40.7	43.6	9.0	10.1
Oats	50.9	48.3	.4	.6	47.3	52.4	1.9	2.9
Rye	35.0	28.9	.2	.1	27.5	27.2	.5	.5
Flaxseed	16.5	14.0	.4	.3	15.3	14.8	.6	.6
Rapeseed	20.0	19.9	.5	.3	19.6	20.7	3.2	2.1
Total Production	—	—	7.1	6.6	—	—	35.3	36.2

Preliminary — Subject to Revision  
Source: Statistics Canada





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high temperatures and dryness persisted, the drought expanded. As shown in the accompanying map, areas receiving less than normal rainfall during July and August extended well into central parts of Alberta and Saskatchewan. Extremely high temperatures stressed even those crops in northern regions where rainfall was not as light.

Much of Manitoba escaped the heat and drought, with the exception of the southwestern part of the province. Because of adequate soil moisture and good weather during harvesting, Manitoba was able to harvest a good crop, slightly below the record set in 1982. Saskatchewan and Alberta were not as fortunate. Crop loss was substantial because of drought. Harvesting conditions were generally good, with the exception of central and northern Alberta where rains delayed combining and reduced quality.

A significant portion of the 1984-85 wheat crop fell within the two top grades. As Table 17 shows, an estimated 86 per cent of the total Prairie crop graded No.1 or No.2 Canada Western Red Spring

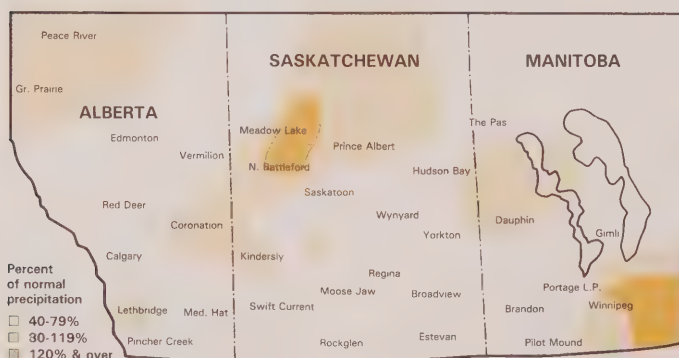
TABLE 17

ESTIMATED GRADE DISTRIBUTION

(Per cent of Production)

	1984	1983
<b>Wheat Grades</b>		
1 CW Red Spring	67%	56%
2 CW Red Spring	19	21
3 CW Red Spring	8	20
1 Canada Utility	1	0.4
2 Canada Utility	.5	0.1
Canada Feed	4.5	2.5
<b>Barley Grades</b>		
1 & 2 CW Six-Row	9	6
1 & 2 CW Two-Row	6	7
1 Feed	70	72
2 Feed & Lower	15	15
<b>Durum Grades</b>		
1 CW Amber Durum	34	33
2 CW Amber Durum	47	37
3 CW Amber Durum	11	20
4 CW Amber Durum	6	9
5 CW Amber Durum	2	1

PERCENT OF NORMAL ACCUMULATED PRECIPITATION  
FROM JUNE 1 — AUGUST 31, 1984





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TABLE 18  
SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1985

	Quota Name	Kilograms/ Quota Acre	Bushels Quota Acre	Grades	Area
Hard Red Spring Wheat	A	80	2.9	All	All
	B	50	1.8	All	All
	C(s)	Open	Open	Can. Feed	All
	D	140	5.1	All	All
	E	Open	Open	All	All
Durum Wheat	A	80	2.9	All	All
	B	135	5.0	All	All
	C	135	5.0	All	All
	D	Open	Open	All	All
Utility Types of Wheat	A	80	2.9	All	All
	B	135	5.0	All	All
	C	135	5.0	All	All
	D	Open	Open	All	All
Red Winter Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	135	5.0	All	All
	D	Open	Open	All	All
Soft White Spring Wheat	A	135	5.0	All	All
	B	135	5.0	All	All
	C	Open	Open	All	All
Oats	A	160	10.4	All	All
	B	Open	Open	All	All
Barley	A	110	5.1	All	All
	B(s)	760	34.9	1 Feed & Lower (Straight only)	All
	C	545	25.0	All	All
	D	Open	Open	All	All
	E	65	3.0	All	All
Rye		Open	Open	All	All
Rye to Distillers		Open	Open	All	All
Flaxseed		Open	Open	All	All
Flaxseed to Crushers		Open	Open	All	All
Rapeseed		Open	Open	All	All
Rapeseed to Crushers		Open	Open	All	All

wheat. Protein content of the 1984 wheat crop, at 14.3 per cent, was even greater than the high level of the year before. In spite of the high percentage of the 1984 barley crop which graded No.1 Feed or better, the overall smaller supply made it difficult for maltsters to acquire enough barley suitable for their requirements.

#### PRODUCER DELIVERIES

In 1984-85, producers delivered 27 879 500 tonnes of the six major Prairie grains. This was a significant reduction from the level of 1983-84 when deliveries at just over 34 million tonnes were the second-highest on record. As shown in Graph 3, wheat and barley accounted for most of the de-

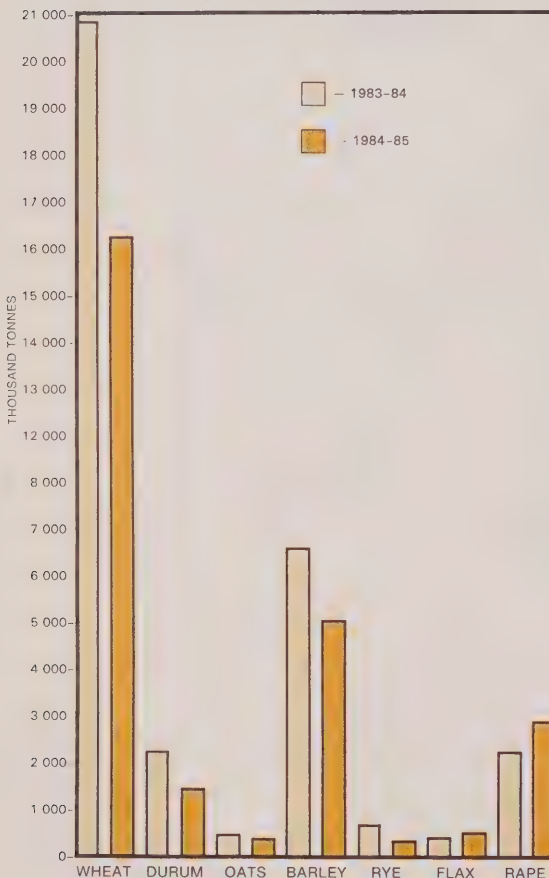


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crease. Deliveries of canola and flaxseed increased.

Quotas were raised very quickly during the first half of the 1984-85 crop year because of the lack of available supplies and brisk export program. The Board also wanted to give farmers faster cash flow. By the end of December, quotas were open on durum wheat, utility wheat, red winter wheat, oats, rye, flaxseed, and rapeseed. Barley quotas ended the 1984 calendar year at 1 415 kilograms (65 bushels) per acre. Quotas were open for Canada Feed wheat and totaled 270 kilograms (9.8 bushels) per acre for all other grades of Canada Western red spring wheat.

**GRAPH 3  
PRODUCER DELIVERIES BY GRAIN**



Some temporary elevator congestion had been expected given the fast pace of quotas. However, the malfunction of a lift bridge in the St. Lawrence Seaway in mid-November, 1984, blocked Seaway traffic for 18 days and caused country elevator congestion to last longer than expected, particularly in the eastern Prairies. This caused a temporary buildup in stocks at Thunder Bay terminals, but space quickly improved after the opening of navigation in the spring, and grain movement in the eastern Prairies improved accordingly.

Mid-way through the crop year, over 16 million tonnes of grain had been delivered by farmers, which was almost two-thirds of what was expected for the entire crop year. By May 21, quotas were open on all Board grains.

To encourage deliveries in time to meet sale opportunity, the Board terminated most quotas by the end of June. However, the open quota for Canada Western red spring wheat, which was authorized May 21, wasn't terminated until July 20. An additional 65-kilogram (three-bushel) barley quota authorized in late June remained in effect until the end of July.

Country elevator space increased throughout the remaining months of the crop year as farm deliveries began to taper off in relation to rail shipments. By the end of July, space in country elevators had risen 100 per cent over 55 per cent, one of the highest levels ever for the end of a crop year.

While wheat deliveries came in well for most of the crop year, timing of barley deliveries was a disappointment. Despite warnings by the Board, some farmers held off deliveries until late in the crop year. About 23 per cent of the deliveries for the year came in the last two months. These stocks could have been sold at much higher prices in January and February, and by coming into the system late in the year reduced delivery opportunity for new crop barley in 1985.

Table 18 is a summary of quotas for the 1984-85 crop year.

#### **CARRYOVER**

Early in the year, the Board asked farmers to clear out their bins so that it could continue serving as many customers as possible. The Board had made sizable sales under very competitive world market conditions. Total carryover stocks of all grains (commercial and on-farm) were brought down to 10.8 million tonnes by the end of July.



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TABLE 19

STOCKS ON FARMS IN WESTERN CANADA AS AT JULY 31 FOR YEARS 1980 TO 1985

Grain	1980	1981	1982	1983	1984	1985
			(Thousands of Tonnes)			
Wheat *	4 142	1 533	3 515	1 960	1 690	1 060
Oats	492	446	536	825	465	295
Barley	980	992	1 817	3 055	930	650
Rye	127	53	103	220	105	145
Flaxseed	147	56	38	118	25	25
Rapeseed	340	404	71	40	15	95
<b>TOTAL</b>	<b>6 228</b>	<b>3 484</b>	<b>6 080</b>	<b>6 247</b>	<b>3 230</b>	<b>2 270</b>

\*Includes Durum Wheat

† Subject to Revision

Source: Statistics Canada

TABLE 20

STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN AS AT JULY 31  
FOR YEARS 1980-1985

Grain	1980	1981	1982	1983	1984	1985
			(Thousands of Tonnes)			
Wheat *	6 448	6 925	6 153	7 973	7 358	6 412
Oats	189	150	215	175	125	124
Barley	906	2 063	2 181	1 904	891	1 291
Rye	279	169	231	431	326	233
Flaxseed	440	288	221	347	130	119
Rapeseed	1 137	924	621	446	105	375
<b>TOTAL</b>	<b>9 399</b>	<b>10 519</b>	<b>9 622</b>	<b>11 276</b>	<b>8 935</b>	<b>8 554</b>

\*Includes Durum Wheat

† Subject to Revision

Source: Canadian Grain Commission for 1985.  
All previous years — Statistics Canada

TABLE 21  
COUNTRY ELEVATOR SHIPMENTS

Grain	1984-85				1983-84			
	Man.	Sask.	Alta.	Total	Man.	Sask.	Alta.	Total
				(Thousands of Tonnes)				
Wheat	3 367	9 689	4 746	17 802	2 895	12 423	5 831	21 149
Durum	151	1 555	227	1 933	121	2 078	345	2 544
Oats	53	49	201	303	57	92	265	414
Barley	961	1 334	2 257	4 552	999	2 292	3 795	7 086
Rye	113	166	68	347	155	373	210	738
Flaxseed	312	161	16	489	303	181	44	528
Rapeseed	261	753	743	1 757	187	688	571	1 446
<b>TOTAL</b>	<b>5 218</b>	<b>13 707</b>	<b>8 258</b>	<b>27 183</b>	<b>4 717</b>	<b>18 127</b>	<b>11 061</b>	<b>33 905</b>

Includes British Columbia

Source: Canadian Grain Commission





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Of the total carryover, only 2.3 million tonnes was estimated to be on farm, as shown in Table 19. The balance, shown in Table 20, was en route in rail cars, country elevators, terminal elevators, or lake vessels. This was the lowest carryover since the 1951-52 crop year and the lowest percentage carryover ever when considered relative to total crop year supplies.

### COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments for the six major grains in 1984-85 totaled 26 883 900 tonnes. This was a significant reduction from the level of the year before when shipments hit a record of more than 34 million tonnes. As shown in Table 21, shipments from Saskatchewan and Alberta were much lower than the previous year, while the amount of grain shipped from Manitoba actually increased. This reflects the greater impact of drought in western regions of the Prairies.

### WEST COAST

The smaller 1984 Prairie crop resulted in a drop in exports at all port areas. At the West Coast, shipments fell from a record 12 507 000 tonnes in 1983-84 to 10 617 458 tonnes in 1984-85. Of this amount, exports through Prince Rupert accounted for 1 048 001 tonnes.

Monthly West Coast export programs ran quite smoothly throughout the 1984-85 crop year. There was the odd occasion when a heavy arrival of vessels resulted in temporary line ups. Flooding along the B.C. Railway line in the early fall, repairs to CN's Fraser River Bridge at the end of October, and an audit to the UGG terminal in late April caused only minor operational problems.

The 1984-85 crop year marked the close of the old terminal at Prince Rupert and the official opening of the new one. The new terminal increased Prince Rupert's annual maximum shipping capacity by two million tonnes. Unfortunately, the port could not be used to capacity because of the lack of export supplies and the time needed to test the new equipment. The first vessel to load at the new terminal was the World Prize, which took on a 25 199-tonne cargo of Nos. 1, 2, and 3 CW Red Spring wheat and left for China on March 18, 1985.

### THUNDER BAY AND ST. LAWRENCE

Exports from Thunder Bay terminals and St. Lawrence transfer elevators totaled only 10 754 782 tonnes during the 1984-85 crop year. This was

down substantially from the 15 683 115 tonnes shipped the year before.

The effects of the smaller 1984 crop were immediately apparent at terminals from Thunder Bay east until later in the crop year. Fall shipments were maintained at a good pace as a result of large farm deliveries under substantial quotas at harvest. The Wheat Board had decided to move a large portion of the crop early to give farmers a quicker cash flow and to get grain into export position to maximize sales prospects.

In mid-November, the malfunction of the lift section of a bridge at Valleyfield, Quebec, cut off lake shipments from Thunder Bay to the St. Lawrence. It didn't reopen until December 10. Although the Wheat Board was able to continue loading ocean vessels from St. Lawrence stocks, the Valleyfield problem resulted in congestion at Thunder Bay terminals and country elevators. It also depleted some of the Board's St. Lawrence stocks for the close of navigation.

Unlike previous crop years, the Board decided not to have a unit train rail program during the winter months. The smaller crop combined with the high rail freight costs led the Board to make this decision. Thunder Bay stocks rose to 1.7 million tonnes by the opening of navigation on April 1, 1985, with a further 550 000 tonnes of grain on hand in rail cars at the terminal yards or on the way to Thunder Bay.

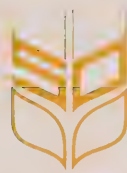
However, as eastern operations got going, the lack of grain supplies became very apparent. Monthly exports at the St. Lawrence dropped off to an average of less than 850 000 tonnes compared to an average of over 1.1 million tonnes in the fall. During the month of July, St. Lawrence exports fell to only 366 714 tonnes.

### ATLANTIC

The Wheat Board's 1984-85 export shipping program through the Atlantic ports of Halifax and St. John's totaled 370 000 tonnes. Grain was shipped through the two ports to Cuba, Ethiopia, Chad, the German Democratic Republic, Ghana, Haiti, Nigeria, Syria, Togo, and the Soviet Union.

The bulk of the exported grain was shipped during February and March. Small amounts were shipped in January, April, May, and some in June. Supplies for these shipments came from Georgian Bay and upper lake ports, since prior to the close of navigation on the Great Lakes, the Board had moved grain from Thunder Bay into these positions. The Board did not





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have a winter rail program in 1984-85 with the exception of 3 000 tonnes which was used to top off supplies at St. Lawrence River ports.

About 80 000 tonnes of Eastern Canadian grain was also shipped out of the Atlantic ports. Combined with the Wheat Board's program of 370 000 tonnes, exports from Atlantic ports totaled about 450 000 tonnes.

### CHURCHILL

The Wheat Board once again accounted for the entire Churchill shipping program, totaling 437 148

tonnes during the 1984 season. Of this, 428 965 tonnes were high grade wheat and 8 183 tonnes were barley. Barley exports were made from stocks carried over from the 1983 season. Wheat exports had to be restricted to high grade only as that was all the wheat that was left on-farm by the time the 1984 Churchill season got underway.

Rail shipments from country elevators began in early July so that the terminal could be filled prior to the arrival of the first vessel. Low farm carryovers and the need for high grade wheat stocks resulted in the Wheat Board widening the area used to draw supplies for Churchill.

TABLE 22  
WEIGHTED AVERAGE DEDUCTIONS FROM FARMERS  
FOR FREIGHT, COUNTRY ELEVATION, & REMOVAL OF DOCKAGE

		1980-81	1981-82	1982-83	1983-84	1984-85
		(Dollars per Tonne)				
Wheat —	Freight.....	\$ 4.71	\$ 4.65	\$ 4.66	\$ 5.16	\$ 7.20
	Country Elevation & Removal of Dockage .....	\$ 6.36	\$ 6.87	\$ 7.46	\$ 7.46	\$ 7.60
	Total .....	\$ 11.07	\$ 11.52	\$ 12.12	\$ 12.62	\$ 14.80
Durum Wheat	Freight.....	\$ 4.83	\$ 4.79	\$ 4.82	\$ 5.24	\$ 7.55
	Country Elevation & Removal of Dockage .....	\$ 6.32	\$ 6.87	\$ 7.41	\$ 7.43	\$ 7.56
	Total .....	\$ 11.15	\$ 11.66	\$ 12.23	\$ 12.67	\$ 15.11
Oats	Freight.....	\$ 4.75	\$ 4.73	\$ 4.78	\$ 5.21	\$ 7.22
	Country Elevation & Removal of Dockage .....	\$ 9.62	\$ 10.46	\$ 11.35	\$ 11.15	\$ 11.33
	Total .....	\$ 14.37	\$ 15.19	\$ 16.13	\$ 16.36	\$ 18.55
Barley —	Freight.....	\$ 4.70	\$ 4.71	\$ 4.72	\$ 5.14	\$ 7.16
	Country Elevation & Removal of Dockage .....	\$ 7.77	\$ 8.44	\$ 9.21	\$ 9.13	\$ 9.31
	Total .....	\$ 12.47	\$ 13.15	\$ 13.93	\$ 14.27	\$ 16.47

TABLE 23  
TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS (FOR WHEAT)

	1981	1982	1983	1984	1985	Percentage Increase from 1981
	(Dollars per Tonne)					
Thunder Bay to St. Lawrence <sup>1</sup> .....	\$17.861	\$20.638	\$21.726	\$22.247	\$24.489	37.1%
(all water)						
Thunder Bay to St. Lawrence.....	\$27.261	\$31.284	\$33.154	\$36.638	\$34.185	25.4%
(winter rail)						
Thunder Bay To Atlantic <sup>2</sup> .....	\$23.248	\$24.361	\$25.525	\$26.396	\$27.548	18.5%

<sup>1</sup> Includes lake freight rate as at opening of navigation.

<sup>2</sup> Includes lake freight costs to Georgian Bay at close of the previous navigation season & AT and East rail freight costs from Georgian Bay to the Atlantic.



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TABLE 24

**EASTERN TRANSPORTATION AND HANDLING CHARGES FOR WHEAT**  
(Rates Basis Opening of Navigation)

	1981	1982	1983	1984	1985	Percentage Increase from 1981
	(Dollars per Tonne)					
<b>Thunder Bay Costs</b> .....	\$3.765	\$4.250	\$4.683	\$4.913	\$5.013	33.2%
Elevation <sup>1</sup> .....	3.150	3.500	3.900	4.100	4.180	32.7%
Weighing, Inspection <sup>2</sup> .....	.540	.660	.690	.720	.740	37.0%
LSCA Charges <sup>3</sup> .....	.040	.040	.043	.043	.043	7.5%
Warehouse Receipts Cancellation <sup>4</sup> .....	.035	.050	.050	.050	.050	42.9%
<b>Lake Freight (including Bunker fuel)</b>						
Thunder Bay to Bay ports.....	6.720	7.570	7.760	8.200	9.240	37.5%
Thunder Bay to St. Lawrence.....	11.220	12.480	12.920	13.250	15.110	34.7%
<b>Eastern Terminals<sup>5</sup></b>						
Bay Ports.....	2.100	2.950	3.100	3.300	3.430	63.3%
St. Lawrence.....	2.000	2.100	2.200	2.300	2.400	20.0%
Atlantic.....	2.000	2.100	2.200	2.310	2.400	28.3%

<sup>1</sup> Receiving, weighing and delivery of grain.

<sup>2</sup> Sampling and grading of grain by an inspector and issuing of inspection certificate.

<sup>3</sup> Fees of Lake Shippers Clearance Association.

<sup>4</sup> Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.

<sup>5</sup> Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and officially weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

The first vessel started loading on August 2. By the time the last vessel cleared on October 18, a total of 17 vessels had visited the port. Of those 17 vessels, seven took wheat and barley to the U.S.S.R., four had been loaded with wheat to Syria, and six had taken wheat to Brazil.

For the second year in a row, early vessels into Churchill suffered ice damage. One vessel was unable to load and had to be diverted to Quebec City for repairs.

#### **FREIGHT AND HANDLING RATES**

Deductions from producer deliveries at country elevators increased considerably in 1984-85 mainly because of an increase in the farmer's portion of rail freight rates. The increase in the farmer's share had come about due to the new transportation bill C-155 which had taken effect December 31, 1983. Table 22 shows weighted average rail freight, country elevation, and removal of dockage fees for wheat, durum, oats, and barley during the last five crop years.

Maximum country elevation tariffs and removal of dockage fees authorized by the Canadian Grain Commission remained unchanged from the 1983-84 crop year. The maximum country elevation tariffs

were \$7.96 per tonne for wheat, \$13.06 per tonne for oats, and \$9.87 per tonne for barley. Maximum removal of dockage fees were \$2.45 per tonne for wheat, \$4.02 per tonne for oats, and \$3.04 per tonne for barley.

The Canadian Grain Commission also left the maximum elevation tariffs at terminals unchanged from 1983-84 at a rate of \$4.67 per tonne for wheat, \$7.67 per tonne for oats, and \$5.80 per tonne for barley. However, actual terminal elevation charges, taking a simple average of tariffs filed with the Canadian Grain Commission, went from \$4.09 to \$4.23 per tonne for wheat, from \$6.82 to \$7.04 per tonne for oats, and from \$5.18 to \$5.36 per tonne for barley.

Costs of moving grain east of Thunder Bay continued to go up as shown in Table 23. Most of the increase was due to higher lake freight costs. Table 24 provides a breakdown of Thunder Bay fobbing costs, lake freight costs, and inward elevation at eastern transfer elevators. The Wheat Board decided not to have a unit train rail program from Thunder Bay during the winter of 1985 because of the high rail costs and smaller 1984 Prairie grain crop.



## PART IV OTHER OPERATIONS

### PROMOTIONAL ACTIVITIES

#### Market Development

There were two varietal evaluation programs offered to producers prior to the start of the 1985 growing season. These included HY 320 wheat and TR 212 barley. Varietal evaluation programs are implemented by the Wheat Board's Market Development Department to encourage the development of varieties with potential to expand market opportunities for western grain growers. Table 25 provides some details on each program.

Table 25  
Wheat Board Contract Programs in 1985

Variety	No. of Growers	Size of Contract (Acres)	Total Acres	Delivery Opportunity
HY 320	4,479	50	223,950	Full Production
TR 212	40	60	2,400	Full Production

**HY 320** — The Wheat Board expanded the size of its program for HY 320 wheat in 1985. The size of the program was based on the availability of certified seed. Selection of growers was determined on a random selection basis and 4,479 growers were issued contracts of 50 acres each for a total of 223,950 acres. The test marketing program for HY 320 wheat, undertaken jointly with the Canadian Grain Commission in 1984, was continued in 1985. This program was described in detail in last year's annual report.

**HY 320** wheat was licensed by Agriculture Canada on January 24, 1985. A new class of wheat with two grades, No. 1 Canada Prairie Spring (Red) and No. 2 Canada Prairie Spring (Red), was established by the Canadian Grain Commission. The new grades went into effect August 1, 1985.

**TR 212** — TR 212 is a two-row white aleurone malting barley variety suited to Manitoba and eastern Saskatchewan. The Wheat Board expanded its contracting program for this variety in 1985 so that wider-scale testing could be conducted by the malting and brewing industry. There were 40 growers issued contracts. Production from 2,400 acres totaled 3 000 tonnes.

#### Delivery Contract Programs

The Wheat Board offered two delivery contract programs in 1985, one for feed barley and another for soft white spring wheat.

**Guaranteed Delivery Program for Soft White Spring Wheat** — The guaranteed delivery contract program for soft white spring wheat, which was introduced on an experimental basis in 1984, was expanded in 1985. Growers were limited to five delivery contracts of 85 tonnes each at the outset. However, the limitation on the number of contracts per grower was later removed due to changing market conditions. In total, there were 1,945 contracts issued, each for 85 tonnes. Only producers growing soft white spring wheat under irrigation were eligible and only grades Nos. 1 and 2 CW SWS could be delivered under the contracts. An assignment of 40 quota acres was required in the 1985-86 permit book for each 85-tonne contract a producer received.

**Barley Contracting** — The Wheat Board announced an experimental contract program for grades of straight No. 2 Feed barley and higher in July 1985. The purpose of the program was to give a more accurate reading of how much barley would be delivered to the Board during the 1985-86 crop year.

Application forms were provided to elevator managers at harvest time. Producers were required to submit their application to the Wheat Board by November 2, 1985. Contract growers were only required to assign one quota acre for each two tonnes contracted. The Wheat Board guaranteed to take delivery of the full amount accepted under the contract.

A total of 3,250 contracts involving 469 482 tonnes were issued to growers. Since this quantity was much smaller than the Wheat Board's expected barley export program, the full contracted quantity was called in November 1985.

#### Sales Missions

Commissioners and other officials of the Board travelled to several countries on sales and market development missions during the year under review. These countries are listed by geographic area as follows:





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**Africa and Middle East** — Algeria, Egypt, Iraq, North Yemen.

**Asia** — China, Hong Kong, India, Indonesia, Japan, Malaysia, Singapore, South Korea, Sri Lanka, Taiwan.

**Latin America** — Brazil, Colombia, Mexico, Peru.

**Western Europe** — Belgium, Denmark, Federal Republic of Germany, Finland, France, Italy, Malta, Netherlands, Norway, Sweden, Switzerland, United Kingdom.

**Eastern Europe** — Czechoslovakia, German Democratic Republic, U.S.S.R.

### 50th Anniversary Celebration

In 1985 the Canadian Wheat Board celebrated 50 years of service in bringing Western Canada's grain to the world. To mark this historic occasion, senior officials from some of our major overseas markets, namely Japan, China, Singapore and Indonesia, visited Canada as guests of the Board and receptions were held in London and Tokyo where other customers joined in our celebrations. A picnic was held for our staff and their families on July 5, 1985, the day that marked the Wheat Board's 50th birthday. Additionally, a special course was conducted at the Canadian International Grains Institute for Advisory Committee members and other producer representatives.

For its 50th anniversary, the Board also commissioned the production of a documentary film entitled "Canadian Grain".

### Grain Handbook

The Board prepared and distributed throughout the world 3,600 copies of its "Canadian Grain Handbook". The booklet contains quality data on Canadian export grains, statistical tables and a brief outline of the Board's export operations. It is printed in six languages — English, French, German, Italian, Japanese and Spanish.

### Awards Programme

The Wheat Board's Awards Programme was initiated in 1976 to encourage young scientists to enter the field of grain research. The programme offers financial assistance to students in Colleges of Agriculture at the Universities of Alberta, Manitoba, and Saskatchewan, and is funded from the Wheat Board's Special Account. A total of \$245,833 was awarded through this programme in the 1985 calendar year.

The awards are made on the basis of academic standing, and are keenly contested. At the graduate level, six new fellowships are awarded annually each for a three-year duration. Some 30 scholarships are also given each year to third and fourth year undergraduate students. Under the programme, undergraduate students are also invited to apply for summer employment at the Board.

### Touring the Wheat Board

There were 48 groups totaling about 1,363 people who toured the Wheat Board's Winnipeg office during the 1984-85 crop year. There were 12 farm groups, 16 international groups, 17 education groups, and 3 other. They toured the major departments of the Board and operations in each area were discussed.

### CANADIAN INTERNATIONAL GRAINS INSTITUTE

The Wheat Board continued its active support of the Canadian International Grains Institute, jointly funding its operations with the federal government. During the 1984-85 crop year, the Institute conducted a total of nine international and bilateral courses in grain handling, marketing and technology for representatives from Canada's existing and potential grain customers. Seven domestic courses were also provided for participants from the Canadian grain industry and farm community. Further details of the Institute's activities are available in its own annual report.

The Board wishes to commend the Institute once again for its many fine achievements and for the continuing high calibre of its educational programs.

### LEGAL SERVICES

The Legal Division continued to provide legal assistance to the Board and all its departments, including the drafting of Regulations and Board Orders and the handling of estate files and demurrage claims.

It also assisted with the collection of default cash advance accounts in accordance with the federal government's Prairie Grain Advance Payment Act. During the 1984-85 crop year, 713 accounts were referred to the Legal Division for collection and 292 actions were taken in the Federal Court of Canada.

In addition, 55 bankruptcy files were opened and attended to by the Legal Division where producers



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had obtained advance payments under the Prairie Grain Advance Payments Act.

A total of six convictions were obtained during 1984-85 for breaches of the Canadian Wheat Board Act and Regulations and the Prairie Grain Advance Payments Act.

#### OFFICERS AND STAFF

During the crop year under review, Dr. G. K. Walker was hired as Director of the Weather and Crop Surveillance Department.

Resignations from senior positions included: Dr. H. Glick, Director, Weather and Crop Surveillance; Mrs. J. Dellapenta, Director, Building and Office Services; Mr. H. Diepenbrock, Senior Marketing Officer, General Sales; Mr. P. Thomson, Executive Assistant to the Board; Dr. H. F. Bjarnason, Executive Director of Planning.

The following 14 staff members retired from the Wheat Board in 1984-85: Mrs. D. Brown, Miss K. Buchmann, Mrs. R. Davies, Mr. N. Dyck, Mrs. M. Hatton, Mr. F. D. Jefferson, Mrs. J. Jordan, Mr. H. Knoll, Mr. C. McLeod, Miss G. Mihailoff, Mr. N. Ralkie, Mr. C. Seadon, Mrs. E. Smith, Mr. D. Thomsen.

To those employees who resigned or retired during the year under review, the Board would like to

express its gratitude for their years of valuable service and to wish them well in their future endeavours.

We sadly record the deaths in 1984-85 of two employees, Mrs. M. Hawryk and Miss M. Lancaster, and the following six pensioners: Mrs. E. Bennett, Mr. F. Drake, Miss I. Hawthorne, Mrs. M. McCully, Mr. E. O'Dowda and Miss D. Theobald. They are greatly missed by all of us.

The number of permanent and temporary employees on July 31st of each of the last five years is indicated in Table 26.

TABLE 26  
NUMBER OF EMPLOYEES AT JULY 31ST

Year	Permanent	Temporary	Totals
1982	561	71	632
1983	544	72	616
1984	532	102	634
1985	510	82	592

#### BOARD OFFICES

The Canadian Wheat Board continued to maintain branch offices in Montreal and Vancouver and overseas in London and Tokyo during the 1984-85 crop year.





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## PART V ADVISORY COMMITTEE

The 1984-85 crop year continued with the Advisory Committee which took office in January 1983 for a four-year term. The Committee consisted of the following elected members:

District	Name	Address
1	Mr. L. E. Parker .....	Ste. Agathe, Manitoba
2	Mr. B. McDonald .....	Strathclair, Manitoba
3	Mr. C. A. Hookenson.....	Kisbey, Saskatchewan
4	Mr. M.G.W. Halyk.....	Melville, Saskatchewan
5	Mr. H. Yelland .....	Porcupine Plain, Saskatchewan
6	Mr. R. R. Atkinson.....	Landis, Saskatchewan
7	Mr. A. K. Sahl.....	Mossbank, Saskatchewan
8	Mr. T. Strain.....	North Battleford, Saskatchewan
9	Mr. C. F. Thurston.....	Bow Island, Alberta
10	Mr. K. D. Galloway .....	Fort Saskatchewan, Alberta
11	Mr. H. A. Dechant.....	Fairview, Alberta

Mr. K. D. Galloway and Mr. M. G. W. Halyk continued in their positions as Chairman and Vice-Chairman, respectively, until the Committee's meeting on June 25, 1985. At that time the Committee reviewed these positions as required by the Canadian Wheat Board Act and Mr. Galloway and Mr. Halyk were reinstated.

The Advisory Committee met in Winnipeg eleven times during 1984-85 to review operational matters with the Board and discuss policy issues related to producers in Western Canada.

A number of issues received considerable attention at the meetings throughout the year. Some of the key areas of concern were the domestic feed grain policy, unprescribed wheat varieties, barley marketing, the Western Grain Transportation Act, international markets and trade including exporter co-operation, export financing and the trade imbalance with the U.S.S.R., and above all, the economic plight of farmers in Western Canada.

The Minister of State for the Canadian Wheat Board, the Honourable Charles Mayer, met with the Committee in Winnipeg on September 25, 1984, shortly after being appointed to that position. At Mr. Mayer's invitation, the Committee also met with him in Calgary on July 8, 1985, to discuss several areas of mutual concern.

On July 30, 1985, the Committee visited the facilities of Agriculture Canada's Research Station at the University of Manitoba and its field station at Glenlea. The Committee would like to thank Dr. T. G.

Atkinson, Director of the Station, and his staff for providing an excellent overview of the various areas of their research and how it impacts on the grain industry.

Several guests were in attendance at the meetings on a number of occasions during 1984-85. Dr. John A. Schnittker, a Washington consultant, was present on January 9, 1985, to discuss U.S. agricultural commodity and policy issues. On April 11, 1985, Mr. John Kassenaar, Executive Vice-President of Dominion Malting Limited, reviewed the system for selecting malting barley. Three of the Canadian Wheat Board scholarship students, Ms. I. Dickson, Mr. J. Kohler and Mr. J. Vercammen, reported on their summer work experience at the Wheat Board at the June meeting.

A sub-committee consisting of Messrs. Halyk, Parker and Dechant was established on May 3, 1985, to review the whole area related to the Committee's per diem levels, allowances and expense. Mr. Parker was also elected to represent the Board on a committee established by the Canadian Grain Commission to review the fees charged for services performed by the Commission.

The Advisory Committee was also involved with the Wheat Board's fiftieth anniversary celebration. In addition to providing the Board with guidance during the planning stages of various undertakings, the Committee members attended a special one-week program for producers at the Canadian International Grains Institute at the end of March, 1985.

For the ninth consecutive year, meetings with producers were held by the Board in the various Committee districts. Highlights of the program were the screening of a film commissioned for the Board fiftieth anniversary and a draw of names to select individuals in each district to attend the CIGI producer course along with their Advisory Committee members.

The District Meetings were held at the following locations, with two in the extra large area of District 11:

District	Location	1985 Date
1	Oak Bluff, Manitoba .....	February 2
2	Brandon, Manitoba .....	February 1
3	Vibank, Saskatchewan.....	February 1
4	Churchbridge, Saskatchewan.....	February 1
5	Blaine Lake, Saskatchewan .....	February 2



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6	Outlook, Saskatchewan .....	February 27
7	Swift Current, Saskatchewan .....	February 26
8	Lloydminster, Saskatchewan .....	February 20
9	Claresholm, Alberta .....	February 15
0	Camrose, Alberta .....	February 21
1	Westlock, Alberta.....	February 19
1	Fort Vermilion, Alberta.....	February 13

Once again the Board would like to express its appreciation to the Committee for its dedicated assistance and guidance during the 1984-85 crop year.

# PART VI FINANCIAL RESULTS AND NOTES TO FINANCIAL STATEMENTS



The Financial Statements of the Canadian Wheat Board including notes thereto for the crop year under review are presented in this section of the report. These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1985, together with other statements (Exhibits II to X) showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts when marketing operations have been completed before the issuance of the annual report. Operations on the 1984 - 85 Pool Accounts for Wheat, Amber Durum Wheat, Designated Oats, Barley and Designated Barley were completed on September 30, 1985 and for Oats on November 15, 1985. Details of the final operating results of these

TABLE A

## STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1984-85 POOL ACCOUNT — WHEAT For the period August 1, 1984, to September 30, 1985 with prior year figures for the 1983-84 Pool Account for comparison

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	16 192 572 tonnes		20 186 978 tonnes	
Sales value .....	\$3,181,675,758	\$196.490	\$3,975,923,801	\$196.95
Initial payments to producers .....	2,722,955,091	168.161	3,352,896,639	166.09
Gross Surplus .....	458,720,667	28.329	623,027,162	30.86
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	88,292,322	5.453	89,905,467	4.45
Terminal storage .....	28,079,232	1.734	18,909,270	.93
Total Carrying Charges .....	116,371,554	7.187	108,814,737	5.39
Bank interest & net interest on other Board accounts ....	12,300,778	.760	(3,463,630)	(.17)
Demurrage .....	(2,416,042)	(.149)	(435,169)	(.02)
Additional freight — to terminals .....	5,606,478	.346	2,422,929	.12
— freight rate change .....	(2,608,292)	(.161)	8,246,530	.40
Handling & stop-off .....	1,055,877	.065	(49,462)	(.00)
Drying .....	767,681	.047	1,713,617	.08
Interest and depreciation on:				
Wheat Board hopper cars .....	10,170,355	.628	9,424,620	.46
Wheat Board administrative expenses ..	18,834,592	1.163	17,750,708	.87
Total Operating Costs .....	160,082,981	9.886	144,424,880	7.15
Surplus on Operations .....	298,637,686	18.443	478,602,282	23.70
Add: Interest earned after September 30 (1983-84 October 31) .....	7,590,715	.469	11,883,105	.58
Deduct: Cost of issuing final payment ..	144,422	.009	158,424	.00
Surplus for Distribution to Producers ..	\$ 305,183,979	\$ 18.903	\$ 490,326,963	\$ 24.28



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Pool accounts with commentary thereon are presented in this section of the report.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of wheat, 64.84183 bushels of Oats or 45.92963 bushels of Barley.

## POOL ACCOUNT — WHEAT

### Initial Payments

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$170.00 per tonne for No. 1 Canada Western Red Spring.

### Supplies of Wheat

Supplies of wheat in the 1984-85 Pool were 3 768 797 tonnes, comprised of 16 192 572 tonnes delivered by producers, 93 765 tonnes acquired from other than producers and 482 460 tonnes purchased from the previous pool.

### Grade Pattern

Deliveries of grain to the 1984-85 Pool Account were of marginally higher quality compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 13.288 million tonnes or 82.06 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 1.505 million tonnes amounted to 9.29 per cent of total receipts.

TABLE B

### TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF WHEAT BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Red Spring Wheat Grades</b>			
No. 1 Canada Western Red Spring	170.00	16.373	186.373
No. 2 Canada Western Red Spring	164.21	19.899	184.109
No. 3 Canada Western Red Spring	159.21	12.297	171.507
No. 1 Canada Utility	155.21	12.297	167.507
No. 2 Canada Utility	141.21	14.297	155.507
Canada Feed	138.21	3.297	141.507
No. 1 Canada Western Red Winter	159.21	12.297	171.507
No. 2 Canada Western Red Winter	156.21	13.297	169.507
No. 1 Canada Western Soft White Spring	147.21	19.297	166.507
No. 2 Canada Western Soft White Spring	144.21	21.297	165.507

Deliveries of Utility grades including Canada Feed amounted to .410 million tonnes or 2.54 per cent of total producer deliveries. Approximately 1.29 per cent of producer deliveries graded tough while .14 per cent graded damp.

### Final Statement of Operations and Surplus for Distribution to Producers — Wheat — Table A

Marketing operations on the Pool Account for Wheat resulted in an operating surplus of \$298,637,686. After allowing for the cost of issuing the final payment and adding estimated interest earnings subsequent to September 30, 1985, the net surplus for distribution to producers amounted to \$306,083,979. This represents an average of \$18.903 on producer deliveries of 16 192 572 tonnes. Table B shows the total price realized by producers at \$186.373 for No. 1 CW Red Spring, comparable with \$193.980 for the previous pool.

### OPERATING COSTS

Operating costs incurred applicable to the pool were \$160,082,981 or \$9.886 per tonne. Details of the principal costs and comment thereon follows:

### Carrying Charges — \$116,371,554

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators amounted to \$116,371,554 or \$7.187 per tonne.





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#### **Bank Interest and Net Interest on Other Board Accounts — \$12,300,778**

This consists mainly of bank interest and interest paid to or received from other Board accounts. Interest paid, exceeded interest earned by \$12,300,778 or \$.760 per tonne.

#### **Additional Freight — to Terminals — \$5,606,478 — Freight Rate Change — (\$2,608,292)**

During the crop year the Board paid \$5,606,478 of additional freight arising out of the movement of grain in adverse direction.

With the abolition of the Crow's Nest Pass Freight rate on December 31, 1983, freight rates increased by approximately 18% on January 1, 1984 with a further increase of approximately 31% on August 1, 1984. However, on August 1, 1985 freight rates declined by approximately 22% and the Board collected the resulting freight saved on the country stocks held by its agents on August 1, 1985 amounting to \$2,608,292 in the Wheat account.

#### **Drying Charges — \$767,681**

Drying charges for 1984-85 totaled \$767,681, a significant decrease from the previous year, reflecting the lower percentages of tough and damp grain delivered to the pool under review.

#### **Interest and Depreciation on Wheat Board Hopper Cars — \$10,170,355**

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest. Hopper car expenses attributable to the 1984-85 Wheat Account totaled \$10,170,355 compared to \$9,424,620 for the previous pool.

#### **POOL ACCOUNT — AMBER DURUM WHEAT**

##### **Initial Payments**

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$180.00 per tonne for No. 1 Canada Western Amber Durum Wheat.

##### **Supplies of Amber Durum Wheat**

Supplies of Amber Durum Wheat in the 1984-85 Pool were 1 794 691 tonnes, comprised of 1 786 421 tonnes delivered by producers and 8 270 tonnes acquired from other than producers.

##### **Grade Pattern**

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 1.769 million tonnes or 99.1 per cent of total producer deliveries. The tough and damp grades delivered amounted to .11 per cent of the total receipts.

#### **Final Statement of Operations and Surplus for Distribution to Producers — Amber Durum Wheat — Table C**

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$41,422,295. Operating expenses totaled \$15,588,778 for the year or \$8.72 per tonne. The principal cost was carrying charges amounting to \$11,960,477 or \$6.695 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to September 30, 1985, the net surplus for distribution to producers was \$42,448,995. This represents an overall average of \$23.762 per tonne on producer deliveries of 1 786 421 tonnes. Table D shows the total payment received by producers for the principal grades of Amber Durum Wheat delivered during the crop year. This table shows the total price realized by producers for No. 1 Canada Western Amber Durum Wheat of \$204.853 per tonne, compared to \$204.043 per tonne for the previous pool.

#### **POOL ACCOUNT — OATS**

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption, has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described here consist mainly of marketing results related to feeding grades of oats.

##### **Initial Payments**

During the crop year the Board was authorized to purchase oats from producers at a fixed initial price of \$100.00 per tonne for No. 1 Feed Oats.

##### **Grade Pattern**

Deliveries of Nos. 1 and 2 Canada Western Oats comprised .44 per cent of producer deliveries with feeding grades constituting the remaining 99.56 per cent of total receipts. Board receipts of tough and damp oats made up 3.04 per cent of deliveries.





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TABLE C

**STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS  
ON THE 1984-85 POOL ACCOUNT — AMBER DURUM WHEAT**  
For the period August 1, 1984, to September 30, 1985  
with prior year figures for the 1983-84 Pool Account for comparison

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	1 786 421 tonnes		2 278 079 tonnes	
Sales value	\$376,051,666	\$210.506	\$475,588,757	\$208.767
Initial payments to producers	319,040,593	178.592	406,403,268	178.397
Gross Surplus	57,011,073	31.914	69,185,489	30.370
Deduct Operating Costs:				
Carrying charges:				
Country elevators	7,863,782	4.402	10,884,477	4.778
Terminal storage	4,096,695	2.293	2,442,679	1.072
Total Carrying Charges	11,960,477	6.695	13,327,156	5.850
Interest	2,045,742	1.145	(274,924)	(.120)
Demurrage	(1,748,659)	(.979)	1,495,075	.656
Additional freight — to terminals	239,158	.134	269,658	.118
— freight rate changes	(115,901)	(.065)	701,687	.308
Handling & stop-off	—	—	3,642	.002
Traying	8,037	.005	2,793	.001
Interest and depreciation on Wheat Board hopper cars	1,122,027	.628	1,063,558	.467
Wheat Board administrative expenses	2,077,897	1.163	2,003,149	.879
Total Operating Costs	15,588,778	8.726	18,591,794	8.161
Surplus on Operations	41,422,295	23.188	50,593,695	22.209
Add: Interest earned after September 30 (1983-84 October 31)	1,052,864	.589	1,256,179	.551
Deduct: Cost of issuing final payment	26,164	.015	24,141	.010
Surplus for Distribution to Producers	\$ 42,448,995	\$ 23.762	\$ 51,825,733	\$ 22.750

TABLE D

**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF WHEAT DURING WHEAT BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Amber Durum Wheat Grades</b>			
No. 1 Canada Western Amber Durum	180.00	24.853	204.853
No. 2 Canada Western Amber Durum	177.21	22.643	199.853
No. 3 Canada Western Amber Durum	175.21	19.643	194.853
No. 4 Canada Western Amber Durum	159.21	20.643	179.853
No. 5 Canada Western Amber Durum	153.21	—	153.210



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# Final Statement of Operations and Surplus for Distribution to Producers — Oats — Table E

Table E shows the operating results of the Pool Account for the 1984 - 85 crop year. Marketing operations resulted in a surplus of \$675,422. Operating expenses totaled \$599,910 or \$10.979 per tonne. The principal cost was carrying charges amounting to \$479,869 or \$8.783 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to November 15, 1985, the net surplus for distribution to producers was \$688,372 which represents an overall average of \$12.599 per tonne on producer deliveries of 54 639 tonnes. Table F shows the total payment received by producers for the principal grades of oats delivered during the crop year.

## POOL ACCOUNT — DESIGNATED OATS

Beginning with the crop year commencing on August 1, 1981, oats that have been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the oats for use in processing and milling for human consumption, have been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

### Initial Payments

During the crop year the Board was authorized to purchase Designated Oats from producers at fixed initial prices of \$140.00 and \$138.00 per tonne for

TABLE E

## STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1984-85 POOL ACCOUNT — OATS

For the period August 1, 1984, to November 15, 1985  
with prior year figures for the 1983-84 Pool Account for comparison

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	54 639 tonnes		55 389 tonnes	
Sales value .....	\$6,691,733	\$122.472	\$6,738,895	\$121.66
Initial payments to producers .....	5,416,401	99.131	5,496,654	99.23
Gross Surplus .....	1,275,332	23.341	1,242,241	22.42
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	285,692	5.229	374,439	6.76
Terminal storage .....	194,177	3.554	181,254	3.27
Total Carrying Charges .....	479,869	8.783	555,693	10.03
Interest .....	3,410	.062	20,530	.37
Additional freight — to terminal .....	98,106	1.796	177,403	3.20
— freight rate changes .....	(84,660)	(1.550)	28,989	.52
Interest & depreciation on				
Wheat Board hopper cars .....	34,318	.628	25,859	.46
Wheat Board administrative expenses .....	68,867	1.260	48,705	.87
Total Operating Costs .....	599,910	10.979	857,179	15.45
Surplus on Operations .....	675,422	12.362	385,062	6.92
Add: Interest earned after November 15 (1983-84 October 31) .....	17,168	.314	9,560	.13
Deduct: Cost of issuing final payment .....	4,218	.077	3,859	.07
Surplus for Distribution to Producers ....	\$ 688,372	\$ 12.599	\$ 390,763	\$ 7.05



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Nos. 1 and 2 Canada Western Oats respectively and \$134.00 per tonne for No. 1 Feed Oats.

#### Supplies and Grade Pattern

Supplies of oats in the designated pool were 44 219 tonnes representing deliveries to the Board

by producers during the crop year of oats which were selected and accepted by purchasers for use in processing and milling for human consumption. Receipts of Nos. 1 and 2 Canada Western Oats totaled 30 019 tonnes or 67.89 per cent of total deliveries. Feeding grades totaled 14 200 tonnes or 32.11 per cent of total receipts.

**TABLE F**  
**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF OATS MARKED**  
**STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments (dollars per tonne)	Total
<b>Oats Grades</b>			
No. 1 Canada Western .....	106.00	19.022	125.022
No. 2 Canada Western .....	104.00	19.022	123.022
Extra No. 1 Feed .....	102.00	12.605	114.605
No. 1 Feed .....	100.00	12.315	112.315
No. 2 Feed .....	95.92	13.395	109.315

**TABLE G**  
**STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS**  
**ON THE 1984-85 POOL ACCOUNT — DESIGNATED OATS**  
**For the period August 1, 1984, to September 30, 1985**  
**with prior year figures for the 1983-84 Pool Account for comparison**

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	44 219 tonnes		40 023 tonnes	
Sales value .....	\$6,858,685	\$155.108	\$6,067,327	\$151.596
Initial prices paid to producers .....	5,081,678	114.94	5,498,760	137.390
Gross Surplus .....	797,006	18.024	568,567	14.206
Deduct Operating Costs:				
Interest and bank charges .....	(95,397)	(2.157)	(77,206)	(1.929)
Interest & depreciation on				
Wheat Board hopper cars .....	27,773	.628	18,685	.467
Wheat Board administrative expenses .....	51,434	1.163	35,193	.879
Total Operating Costs .....	(16,190)	(.366)	(23,328)	(.583)
Surplus on Operations .....	813,196	18.390	591,895	14.789
Add: Interest earned after September 30 (1983-84 October 31) .....	20,670	.468	14,696	.367
Deduct: Cost of issuing final payment .....	664	.015	612	.015
Surplus for Distribution to Producers .....	833,202	18.842	\$ 605,979	\$ 15.141



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### Final Statement of Operations and Surplus for Distribution to Producers — Designated Oats — Table G

Table G shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$813,196. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature does not incur the handling expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses incurred attributable to such oats were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$79,207 or \$1.791 per tonne. These expenses were more than offset by interest earnings of \$95,397 or \$2.157 per tonne on the accumulating surplus in the pool. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to September 30, 1985, the net surplus for distribution to producers was \$833,202 or \$18.843 per tonne on producer deliveries of 44 219 tonnes. Table H shows the total payment received by producers for the principal grades of Designated Oats delivered during the crop year.

### POOL ACCOUNT — BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for the use of malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

### Initial Payments

At the beginning of the crop year the Board was authorized to purchase barley from producers at a fixed initial price of \$110.00 per tonne for No. 1 Feed Barley. Effective November 19, 1984, the initial price for No. 1 Feed Barley was increased to \$125.00 per tonne.

### Supplies and Grade Pattern

Supplies in the regular Feed Barley pool were 3 085 525 tonnes comprised of 3 068 472 tonnes delivered by producers and 17 053 tonnes acquired from other than producers. Deliveries of No. 1 and 2 Feed Barley comprised 98.21 percent of the producer deliveries in the pool. Board receipts of tough and damp barley made up 3.91 per cent of deliveries.

### Final Statement of Operations and Surplus for Distribution to Producers — Barley — Table I

Table I shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$19,066,956. Operating expenses totaled \$13,401,539 for the year or \$4.367 per tonne. The principal cost was carrying charges amounting to \$8,080,834 or \$2.634 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to September 30, 1985, the net surplus for distribution to producers was \$19,497,704. This represents an overall average of \$6.354 per tonne on producer deliveries of 3 068 472 tonnes. Table J shows the total payment received by producers for No. 1 Feed Barley as \$131.297 per tonne.

TABLE H

### TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED OATS BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments (dollars per tonne)	Total
<b>Oats Grades</b>			
No. 1 Canada Western .....	140.00	20.746	160.746
No. 2 Canada Western .....	138.00	20.746	158.746
Extra No. 1 Feed .....	136.00	16.246	152.246
No. 1 Feed .....	134.00	14.246	148.246





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**TABLE I**  
**STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS**  
**ON THE 1984-85 POOL ACCOUNT — BARLEY**  
**For the period August 1, 1984, to September 30, 1985**  
**with prior year figures for the 1983-84 Pool Account for comparison**

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	3 068 472 tonnes		4 007 756 tonnes	
Sales value .....	\$414,730,903	\$135.159	\$557,270,427	\$139.048
Initial payments to producers .....	382,262,408	124.578	438,761,246	109.478
Gross Surplus .....	32,468,495	10.581	118,509,181	29.570
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	4,724,253	1.540	4,683,339	1.169
Terminal storage .....	3,356,581	1.094	2,246,162	.560
Total Carrying Charges .....	8,080,834	2.634	6,929,501	1.729
Interest .....	(1,306,516)	(.426)	(7,543,393)	(1.882)
Demurrage .....	(449,348)	(.147)	1,941,439	.484
Additional freight — to terminals .....	1,897,338	.618	902,833	.225
— freight rate changes .....	(893,639)	(.291)	207,308	.052
Handling and stop-off .....	(52,098)	(.017)	(108,820)	(.027)
Drying .....	628,571	.205	275,505	.069
Interest & depreciation on				
Wheat Board hopper cars .....	1,927,267	.628	1,871,085	.467
Wheat Board administrative expenses ...	3,569,130	1.163	3,524,080	.879
Total Operating Costs .....	13,401,539	4.367	7,999,538	1.996
Surplus on Operations .....	19,066,956	6.214	110,509,643	27.574
Add: Interest earned after September 30				
(1983-84 October 31) .....	484,640	.158	2,743,818	.685
Deduct: Cost of issuing final payment ...	53,892	.018	68,193	.017
Surplus for Distribution to Producers ....	\$ 19,497,704	\$ 6.354	\$ 113,185,268	\$ 28.242

**TABLE J**  
**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF BARLEY**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments	Final Payments	Total
		(dollars per tonne)	
<b>Barley Grades</b>			
No. 1 Canada Western Six-Row .....	127.93	6.867	134.797
No. 2 Canada Western Six-Row .....	126.93	6.867	133.797
No. 2 Canada Western Two-Row .....	126.93	6.867	133.797
No. 1 Feed .....	125.00	6.297	131.297
No. 2 Feed .....	122.43	8.177	130.607





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## POOL ACCOUNT — DESIGNATED BARLEY

As stated previously, since August 1, 1975, barley that has been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the barley for the use of malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

### Initial Payments

At the beginning of the crop year the Board was authorized to purchase Designated Barley from producers at a fixed initial price of \$140.00 per tonne for No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row. Effective November 19, 1984, the initial price was increased to \$155.00 and \$165.00 per tonne for No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row respectively.

## Supplies and Grade Pattern

Supplies of barley in the designated pool were 712 195 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for the use of malting, pot or pearling. Of these receipts 481 019 tonnes or 67.54 per cent were row grades and 231 176 tonnes or 32.46 per cent were feeding grades. Receipts of tough and damp grades totaled 4 422 tonnes or .62 per cent of total.

## Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table K

Table K shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$24,664,728. As to operating costs, it should be noted that the Designated Barley, by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's

TABLE K

### STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1984-85 POOL ACCOUNT — DESIGNATED BARLEY For the period August 1, 1984, to September 30, 1985 with prior year figures for the 1983-84 Pool Account for comparison

	1984-85 Pool Account		1983-84 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	712 195 tonnes		1 004 377 tonnes	
Sales value .....	\$135,116,236	\$189.718	\$168,836,744	\$168.10
Initial payments to producers .....	111,703,201	156.844	139,939,761	139.33
Gross Surplus .....	23,413,035	32.874	28,896,983	28.77
Deduct Operating Costs:				
Interest .....	(2,527,411)	(3.549)	(3,836,353)	(3.81)
Interest & depreciation on				
Wheat Board hopper cars .....	447,320	.628	468,910	.46
Wheat Board administrative expenses ..	828,398	1.163	883,164	.87
Total Operating Costs .....	(1,251,693)	(1.758)	(2,484,279)	(2.47)
Surplus on Operations .....	24,664,728	34.632	31,381,262	31.24
Add: Interest earned after September 30 (1983-84 October 31) .....	626,923	.880	779,158	.77
Deduct: Cost of issuing final payment ..	7,631	.011	10,940	.01
Surplus for Distribution to Producers ..	\$ 25,284,020	\$ 35.501	\$ 32,149,480	\$ 32.00



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sample and is shipped on buyer's call directly from farm to processing plant via the country elevator. As a result the only expenses incurred attributable to such barley were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$1,275,718 or \$1.791 per tonne. These expenses were more than offset by interest earnings of \$2,527,411 or \$3.549 per tonne on the accumulating surplus in the pool. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to September 30, 1985, the net surplus for distribution to producers was

\$25,284,020 or \$35.501 per tonne on producer deliveries of 712 195 tonnes. This is compared to \$32,149,480 or \$32.009 per tonne for the previous year. Table L shows the total payment received by producers for the principal grades of Designated Barley. The final return to producers for deliveries of No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row was \$188.937 and \$199.401 respectively, compared to \$168.085 and \$176.625 for these two grades respectively in the previous pool.

**TABLE L**  
**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED BARLEY**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

<u>Grade</u>	<u>Initial Payments</u>	<u>Final Payments</u>	<u>Total</u>
		(dollars per tonne)	
<b>Designated Barley Grades</b>			
No. 1 Canada Western Six-Row .....	156.27	33.667	189.937
No. 2 Canada Western Six-Row .....	155.00	33.937	188.937
No. 1 Canada Western Two-Row .....	166.27	34.131	200.401
No. 2 Canada Western Two-Row .....	165.00	34.401	199.401
No. 1 Feed Six-Row .....	151.77	34.667	186.437
No. 1 Feed Two-Row .....	151.77	45.131	196.901
No. 2 Feed Six-Row .....	149.77	33.267	183.037
No. 2 Feed Two-Row .....	149.77	43.731	193.501



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## NOTES TO FINANCIAL STATEMENTS

The following are an integral part of the financial statements.

### (1) ACCOUNTING POLICIES

#### (a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31 when marketing operations have been completed before the issuance of the annual report for that year. In determining the surpluses available for distribution on such pools the accounts of the Board at July 31 include:

- (i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and
- (ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

For pool accounts for which marketing operations have not been completed before the issuance of the annual report, the unsold stocks at July 31 are valued at cost, which is the initial price paid to producers, and no provision is made for carrying costs, interest, and administrative expenses beyond that date. Any debit or credit balance in these accounts is carried on the balance sheet.

#### (b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date, as is also the liability for debentures repayable in United States funds.

Foreign exchange adjustments arising from conversion of bills of exchange and bank loans are included in operating results. Ad-

justments arising from conversion of debenture debt are amortized over the term of the debentures.

#### (c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over their expected lives and are as follows:

Hopper cars	30 years
Office building	40 years
Office furniture and equipment	10 years
Automotive equipment	2 years
(to 1/3 residual value)	

#### (d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers, are allocated to the various pool account operations to which the services relate on the basis of the relative tonnage. Expenses attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

### (2) BILLS OF EXCHANGE PLUS ACCRUED INTEREST

Of the total bills of exchange receivable \$1,499,477,966 (1984 — \$1,330,848,721) represents the Canadian equivalent \$1,111,053,626 (1984 — \$1,016,302,959) payable in United States funds.

The balances receivable arise from sales of grain to Brazil, Egypt, German Democratic Republic, Haiti, Iraq, Israel, Mexico, Jamaica, Peru, Poland and Zambia. The terms call for payment in full within 36 months or less from time of shipment except for Brazil, Haiti, Jamaica, Poland, Peru and Zambia where the Board, together with the Canadian Government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within ten years. As at July 31, total reschedulings amounted to \$482,697,222 including \$39,170,783 which is the Canadian equivalent of \$29,109,547 receivable in United States currency.





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Poland is presently in the process of negotiating the rescheduling of its debt together with interest accrued thereon, matured and unpaid for the period January 1, 1982 to December 31, 1984, in accordance with a multi-lateral arrangement concluded between Poland and official creditors. Poland has not paid any principal or interest amounts matured in 1985 and will likely negotiate a separate rescheduling of this debt in 1986 in accordance with a further multi-lateral arrangement concluded between Poland and official creditors regarding this debt. As at July 31, 1985, unpaid amounts totaled \$1,709,100,042 which includes the Canadian equivalent of \$676,892,630 receivable in United States funds. Included in these totals is \$1,436,807,409 including the Canadian equivalent of \$539,059,681 receivable in United States funds, due and unpaid for the period January 1, 1982 to December 31, 1984. Principal and interest amounts matured in 1985 to the close of the current crop year, amounting to \$142,690,698 including the Canadian equivalent of \$96,515,883 receivable in United States funds, are included in the above total as well. The balance of the unpaid amount, totaling \$129,601,935 including the Canadian equivalent of \$41,317,066 receivable in United States funds, represents interest accrued and unpaid on the 1981 rescheduled debt, the debt for 1982-84 and unpaid 1985 maturities to the end of the crop year. While subject to certain repayment terms specified in the multi-lateral arrangement concluded between Poland and official creditors, this interest is not included in the principal portion of the rescheduled debt.

During the crop year the Government of Canada and other creditor nations agreed to a further rescheduling of Zambian debt that had earlier been rescheduled. Payments of principal and interest which fell due in 1984, totaling \$6,967,336 were rescheduled in an agreement signed in June of 1985.

Also during the year, the Government of Canada and other creditor nations agreed to reschedule over a ten year period certain obligations owing by Jamaica. The accounts of the Board at July 31, 1985 include \$1,860,175 which will be subject to rescheduling under this arrangement.

Although no multi-lateral arrangements have been concluded to date, between Brazil, the

Government of Canada and other creditor nations, Brazil has not made any payments against certain principal and interest amounts maturing in 1985 totaling \$102,667,388 as at July 31, 1985. Once the multi-lateral arrangements are concluded, this amount is likely to be rescheduled as well.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest. Because of these Guarantees the Board does not consider itself to be at risk should any of the unpaid amounts prove to be uncollectable; therefore, no provision is made in its accounts with respect to the possibility of debtors defaulting on their obligation.

### (3) ACCOUNTS RECEIVABLE

Settlement on amounts due from Board agents on sales completed as at July 31 were received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

### (4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of \$90,555,623. Of these 2,000 cars, 22 cars have been wrecked and dismantled leaving 1,978 still in the fleet having an original cost of \$89,559,511 with accumulated depreciation of \$16,421,975 to July 31, 1985. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

### (5) LIABILITY TO BANKS

Details of bank borrowings are as follows:

	July 31	
	1985	1984
Ordinary Operations	\$ 224,554,171	\$ 150,914,705
Loans to finance credit sales	3,683,799,803	3,012,037,450
	<u>\$3,908,353,974</u>	<u>\$3,162,952,155</u>

Of the total liability \$1,498,429,431 (1984 - \$1,329,541,729) represents the Canadian equivalent of \$1,110,276,698 (1984 - \$1,015,304,871) repayable in United States funds.



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The Board's borrowings from chartered banks are guaranteed by the Government of Canada.

**(6) DEBENTURES PAYABLE**

The debentures with a face value of U.S. \$50,000,000 were issued on December 1, 1982, at a price of \$99.50 per \$100, and bear interest at 11 1/4% per annum payable each December 1. No principal repayments are required until maturity on December 1, 1990. Under certain circumstances the Board may redeem the debentures in whole or in part prior to maturity. Depending upon the particular circumstances giving rise to any early redemption, a premium may be payable on the principal amount redeemed.

The debentures are secured by a charge against grain held by the Board.

**(7) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS**

Grain companies acting in the capacity of agents of the Board accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its Agents at terminal or mill position. Liability to agents amounting to \$570,996,143 (1984 — \$826,390,827) represents the amount payable by the Board to its agents for 3 600 606 (1984 — 5 064 789) tonnes of wheat, amber durum wheat, oats and barley on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year end date.

**(8) LIABILITY TO AGENTS FOR DEFERRED CASH TICKETS**

Grain companies as agents of the Board deposit with the Board in trust the proceeds of deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer deferred cash tickets maturing predominantly during the first days of the following calendar year.

**(9) ACCRUED EXPENSES AND ACCOUNTS PAYABLE**

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1985 together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of Pool Accounts for wheat, amber durum wheat, designated oats, barley and designated barley for the period from August 1, 1985 to completion of operations on September 30, 1985 and for oats for the period from August 1, 1985 to completion of operations on November 15, 1985.

**(10) SPECIAL ACCOUNT — NET BALANCE OF UN-DISTRIBUTED PAYMENT ACCOUNTS**

In accordance with the provision of Section 30 of the Canadian Wheat Board Act the Governor in Council may authorize the Board to transfer to a Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council upon the recommendations of the Board may deem to be for the benefit of producers.

**(11) PROVISION FOR FINAL PAYMENT EXPENSES**

This represents the balance of the Board's reserve for final payment expenses of pool accounts that have been closed. Six years after particular accounts have been closed, the remaining reserves for these pools are transferred to the special account by Order-in-Council.

**(12) LEASE COMMITMENTS**

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the Government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1985 amounting to \$16,728,906 (1984 — \$16,166,224) have been recovered by the Board. Lease terms are for 20 and 25 years.





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## ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS  
Chief Commissioner

R. L. KRISTJANSON  
Assistant Chief Commissioner

F. M. HETLAND  
Commissioner

W. H. SMITH  
Commissioner



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1 METRIC TONNE (For All Grains) ..... 2,204.6226 pounds

	1 Metric Tonne = Bushels
Wheat .....	36.743 710
Durum Wheat .....	36.743 710
Oats .....	64.841 841
Barley .....	45.929 638
Rye .....	39.368 261
Flaxseed .....	39.368 261
Rapeseed .....	44.092 452
Corn .....	39.368 261



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## INDEX TO FINANCIAL STATEMENTS

July 31, 1985

### Exhibit I

Balance Sheet

### Exhibit II

Statement of Operations, 1984-85 Pool Account —  
Wheat

### Exhibit III

Statement of Operations, 1984-85 Pool Account —  
Winter Durum Wheat

### Exhibit IV

Statement of Operations, 1984-85 Pool Account —  
Wheat

### Exhibit V

Statement of Operations, 1984-85 Pool Account —  
Designated Oats

### Exhibit VI

Statement of Operations, 1984-85 Pool Account —  
Barley

### Exhibit VII

Statement of Operations, 1984-85 Pool Account —  
Designated Barley

### Exhibit VIII

Statement of Administrative and General Expenses  
and Allocations to Operations for the Year ended  
July 31, 1985

### Exhibit IX

Statement of Advance Payments to Producers under  
the Prairie Grain Advance Payments Act

### Exhibit X

Statement of Special Account Transactions

## AUDITOR'S REPORT



## BALANCE SHEET AS AT JULY 31, 1985

(with prior year figures for comparison)

	1985	1984
<b>ASSETS</b>		
Stocks of grain:		
— Wheat .....	\$1,162,910,405	\$1,349,117,35
— Durum .....	80,190,344	122,731,57
— Oats .....	3,556,023	2,182,76
— Designated Oats .....	109,682	93,89
— Barley .....	98,237,385	52,713,11
— Designated Barley .....	10,117,349	7,686,25
	<u>1,355,121,188</u>	<u>1,534,524,95</u>
Bills of exchange plus accrued interest (Note 2) .....	3 691,148,705	3,202,275,56
Accounts receivable (Note 3)		
Due from Board Agents on completed sales .....	20,182,068	166,927,01
Sundry .....	49,498,523	30,883,40
Prairie Grain Advance Payments Act .....	5,438,408	7,682,21
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation .....	2,052,051	2,162,18
Covered hopper cars, at cost less depreciation (Note 4) .....	73,137,536	76,161,22
Office furniture, equipment and automobiles, at cost less depreciation .....	1,048,458	1,004,19
Deferred and prepaid expenses .....	12,430,376	8,229,25
	<u>\$5,210,057,313</u>	<u>\$5,029,850,02</u>

# THE CANADIAN WHEAT BOARD



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	<u>1985</u>	<u>1984</u>
<b>LIABILITIES</b>		
Liability to Banks (Note 5) . . . . .	\$3,908,353,974	\$3,162,952,155
Debentures payable (Note 6) . . . . .	67,480,000	65,475,000
Liability to agents for grain purchased from producers (Note 7) . . . .	570,996,143	826,390,827
Liability to agents for deferred cash tickets (Note 8) . . . . .	146,494,799	203,160,168
Accrued expenses and accounts payable (Note 9) . . . . .	118,394,334	86,151,364
Outstanding adjustment and final payment cheques to producers:		
— Wheat . . . . .	595,517	570,324
— Durum . . . . .	37,847	49,257
— Oats . . . . .	5,639	14,274
— Designated Oats . . . . .	1,426	391
— Barley . . . . .	26,462	34,799
— Designated Barley . . . . .	21,831	12,319
Special Account — net balance of undistributed payment accounts (Note 10) . . . . .	5,171,556	5,778,515
Provision for final payment expenses (Note 11) . . . . .	7,197,503	7,196,788
Surpluses resulting from operations:		
Pool Account:		
— Wheat . . . . .	298,637,686	478,602,282
— Durum . . . . .	41,422,294	50,593,695
— Oats . . . . .	675,422	385,062
— Designated Oats . . . . .	813,196	591,895
— Barley . . . . .	19,066,956	110,509,643
— Designated Barley . . . . .	24,664,728	31,381,262
	<u>\$5,210,057,313</u>	<u>\$5,029,850,020</u>





1935-1985

## 1984-85 POOL ACCOUNT — WHEAT

For the period August 1, 1984, to completion of operations on September 30, 1985  
(with prior year figures for the 1983-84 Pool Account for comparison)

**Wheat acquired:**

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account - Wheat .....

**Wheat sold:**

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account - Wheat .....

Surplus on Wheat transactions .....

**Operating costs:**

Carrying charges:  
Carrying charges on Wheat stored in country elevators .....  
Storage on Wheat stored in terminal elevators .....

Interest, bank charges and net interest on other Board accounts .....

Demurrage .....

Additional freight — Wheat shipped from country stations to terminal position .....  
— freight rate changes .....

Handling and stop-off on Wheat warehoused at interior terminals .....

Drying charges .....

Interest and depreciation on Wheat Board hopper cars .....

Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account — Wheat, for the period from

August 1, 1984, to September 30, 1985 (1983-84 October 31, 1984) .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
16 192 572	\$2,722,955,091	20 186 978	\$3,352,896,639
93 765	15,823,780	85 330	14,532,873
482 460	84,511,290	844 767	153,715,767
16 768 797	2,823,290,161	21 117 075	3,521,145,279
1 171 699		1 210 094	
9 316 116		12 974 962	
5 672		10 160	
10 493 487	2,119,100,423	14 195 216	2,795,055,087
258 172		403 268	
3 374 091		6 036 131	
2 643 047		482 460	
6 275 310	1,162,910,405	6 921 859	1,349,117,354
16 768 797	3,282,010,828	21 117 075	4,144,172,441
	458,720,667		623,027,162
	88,292,322		89,905,467
	28,079,232		18,909,270
	116,371,554		108,814,737
	12,300,778		(3,463,630)
	(2,416,042)		(435,169)
	5,606,478		2,422,929
	(2,608,292)		8,246,530
	1,055,877		(49,462)
	767,681		1,713,617
	10,170,355		9,424,620
	18,834,592		17,750,708
	160,082,981		144,424,880
	\$ 298,637,686		\$ 478,602,282



1935-1985

1984-85 POOL ACCOUNT — AMBER DURUM WHEAT

For the period August 1, 1984, to completion of operations on September 30, 1985  
(with prior year figures for the 1983-84 Pool Account for comparison)

Durum acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
  
Purchased from prior year Pool Account - Durum .....

Durum sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....  
Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account - Durum .....

Surplus on Amber Durum Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Durum stored in country elevators .....  
Storage on Durum stored in terminal elevators .....  
  
Interest and bank charges .....  
Demurrage .....  
Additional freight — Durum shipped from country stations to terminal position .....  
— freight rate changes .....  
Handling and stop-off on Durum warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account - Durum, for the period from  
August 1, 1984, to September 30, 1985 (1983-84 October 31, 1984) .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
1 786 421	\$319,040,593	2 278 079	\$406,403,268
8 270	1,434,938	8 408	1,496,395
		463 843	90,544,238
1 794 691	320,475,531	2 750 330	498,443,901
98 269		86 034	
(1 277 000)		2 061 514	
3 247		2 749	
1 378 344	297,296,259	2 150 297	444,897,812
25 348		28 876	
271 353		571 157	
119 646		—	
416 347	80,190,345	600 033	122,731,578
1 794 691	377,486,604	2 750 330	567,629,390
			69,185,489
	7,863,782		10,884,477
	4,096,695		2,442,679
	11,960,477		13,327,156
	2,045,742		(274,924)
	(1,748,659)		1,495,075
	239,158		269,658
	(115,901)		701,687
			3,642
	8,037		2,793
	1,122,027		1,063,558
	2,077,897		2,003,149
	15,588,778		18,591,794
			\$50,593,695



1935-1985

1984-85 POOL ACCOUNT — OATS

For the period August 1, 1984, to completion of operations on November 15, 1985  
(with prior year figures for the 1983-84 Pool Account for comparison)

Oats acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .  
Purchased from prior year Pool Account - Oats .....

Oats sold:  
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....  
Weight losses in transit and in drying .....  
Oats stocks — being Oats stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay or Vancouver:  
Completed sales for period subsequent to July 31 .....  
Sale to subsequent Pool Account - Oats .....

Surplus on Oats transactions .....  
Operating costs:  
Carrying charges:  
Carrying charges on Oats stored in country elevators .....  
Storage on Oats stored in terminal elevators .....

Interest and bank charges .....  
Additional freight — Oats shipped from country stations to terminal position .....  
— freight rate changes .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account - Oats, for the period from  
August 1, 1984, to November 15, 1985 (1983-84 October 31, 1984) .....



# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
54 639	\$5,416,401	55 389	\$ 5,496,654
16 369	1,785,902	43 173	4,959,168
71 008	7,202,303	98 562	10,455,822
38 487	4,921,612	78 012	9,515,302
28 211	3,115,692	4 181	396,859
4 310	440,331	16 369	1,785,902
71 008	8,477,635	98 562	11,698,063
	1,275,332		1,242,241
	285,692		374,439
	194,177		181,254
	479,869		555,693
	3,410		20,530
	98,106		177,403
	(84,660)		28,989
	34,318		25,859
	68,867		48,705
	599,910		857,179
	\$ 675,422		\$ 385,062



1935-1985

1984-85 POOL ACCOUNT — DESIGNATED OATS

For the period August 1, 1984, to completion of operations on September 30, 1985  
(with prior year figures for 1983-84 Pool Account for comparison)

Designated Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver	
Designated Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver	
Designated Oats stocks — being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31	
Surplus on Designated Oats transactions	
Operating costs:	
Interest	
Interest and depreciation on Canadian Wheat Board hopper cars	
Wheat Board administrative and general expenses	
Surplus on operations of the Board on the Pool Account - Designated Oats, for the period from August 1, 1984, to September 30, 1985 (1983-84 October 31, 1984)	

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
44 219	\$6,061,679	40 023	\$ 5,498,760
43 504	6,749,003	39 429	5,973,437
715	109,682	594	93,890
44 219	6,858,685	40 023	6,067,327
	797,006		568,567
	(95,397)		(77,206)
	27,773		18,685
	51,434		35,193
	(16,190)		(23,328)
	\$ 813,196		\$ 591,895



1935-1985

## 1984-85 POOL ACCOUNT — BARLEY

For the period August 1, 1984, to completion of operations on September 30, 1985  
(with prior year figures for the 1983-84 Pool Account for comparison)

### Barley acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver . . . . .

### Barley sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill . . . . .  
Weight losses in transit and in drying . . . . .  
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Complete sales for the period subsequent to July 31 . . . . .  
Sales to subsequent pool account - barley . . . . .

Surplus on Barley transactions . . . . .

### Operating costs:

Carrying charges:  
Carrying charges on Barley stored in country elevators . . . . .  
Storage on Barley stored in terminal elevators . . . . .  
  
Interest and bank charges . . . . .  
Demurrage . . . . .  
Additional freight — Barley shipped from country stations to terminal position . . . . .  
— freight rate changes . . . . .  
Handling and stop-off on Barley warehoused at interior terminals . . . . .  
Drying charges . . . . .  
Interest and depreciation on Wheat Board hopper cars . . . . .  
Wheat Board administrative and general expenses . . . . .

### Surplus on operations of the Board on the Pool Account - Barley, for the period from

August 1, 1984, to September 30, 1985 (1983-84 October 31, 1984) . . . . .

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
3 068 472	\$382,262,408	4 007 756	\$438,761,246
17 053	2,105,090	23 728	2,602,169
3 085 525	384,367,498	4 031 484	441,363,415
2 235 067	318,598,608	3 673 279	507,159,484
2 545		2 034	
367 060	44,633,198	356 171	52,713,112
480 853	53,604,187		
3 085 525	416,835,993	4 031 484	559,872,596
	32,468,495		118,509,181
	4,724,253		4,683,339
	3,356,581		2,246,162
	8,080,834		6,929,501
	(1,306,516)		(7,543,393)
	(449,348)		1,941,439
	1,897,338		902,833
	(893,639)		207,308
	(52,098)		(108,820)
	628,571		275,505
	3,569,130		1,871,085
	13,401,539		3,524,080
			7,999,538
	\$ 19,066,956		\$110,509,643





1935-1985

1984-85 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1984, to completion of operations on September 30, 1985  
(with prior year figures for the 1983-84 Pool Account for comparison)

Designated Barley acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .

Designated Barley sold:

Completed sales to July 31 basis in store Thunder Bay or Vancouver. ....

Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the  
ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:

Completed sales for the period subsequent to July 31 .....

Surplus on Designated Barley transactions .....

Operating costs:

Interest .....

Interest and depreciation on Canadian Wheat Board hopper cars .....

Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account - Designated Barley, for the period  
from August 1, 1984, to September 30, 1985 (1983-84 October 31, 1984) .....

# THE CANADIAN WHEAT BOARD



1935-1985

## STATEMENT OF OPERATIONS

1984-85		1983-84	
Tonnes	Amount	Tonnes	Amount
12 113	\$111,703,201	1 004 377	\$139,939,761
661 381	124,998,887	959 264	161,150,487
50 814	10,117,349	45 113	7,686,257
712 195	135,116,236	1 004 377	168,836,744
	23,413,035		28,896,983
	(2,527,411)		(3,836,353)
	447,320		468,910
	828,398		883,164
	11,511,111		(2,484,279)
	\$ 24,664,728		\$ 31,381,262



1935-1985

## STATEMENT OF ADMINISTRATIVE AND GENERAL

For the year ended July 31, 1985 (with prior year figures for comparison)

Administrative and General Expenses:	1984-85	1983-84
Salaries — Board members, officers and staff .....	\$15,131,273	\$14,686,316
Unemployment insurance, pension, group insurance, medical other employee benefits .....	1,964,496	1,735,497
Manitoba Health and Education Tax .....	235,956	212,116
Advisory Committee — travelling expenses and per diem allowances .....	79,197	76,758
Rental & lighting of offices including maintenance of The Canadian Wheat Board Building .....	1,424,092	1,475,438
Telephones — exchange service & long distance calls .....	354,578	368,022
Telegrams, cables & telex expense .....	141,293	160,557
Postage .....	583,765	666,414
Printing, stationery & supplies .....	642,392	642,284
Annual report, mini report & "Grain Matters", etc. ....	156,284	152,638
District meetings .....	19,452	16,588
Office expense .....	505,709	692,626
Travelling & transfer of staff .....	847,801	760,513
Travelling expenses — inspectors .....	184,653	217,726
Legal fees and court costs .....	31,629	28,791
Audit fees .....	91,000	91,000
Computing equipment — rental & sundries .....	2,383,997	1,725,593
Repair & upkeep of office machines & equipment .....	49,545	67,923
Grain market publications & services .....	80,635	75,726
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute .....	882,131	822,506
Bonds and insurance .....	29,993	27,792
Winnipeg Commodity Exchange dues .....	12,820	12,670
Depreciation on building, furniture, equipment & automobiles .....	274,440	352,402
	<u>\$26,107,131</u>	<u>\$25,067,896</u>

# THE CANADIAN WHEAT BOARD



1935-1985

## EXPENSES AND ALLOCATIONS TO OPERATIONS

### Allocations to Operations:

	1984-85	1983-84
1. Marketing of Producers' Grain		
1984-85 Pool Account — Wheat	9,945,954	
1984-85 Pool Account — Durum	1,097,271	
1984-85 Pool Account — Oats	33,561	
1984-85 Pool Account — Designated Oats	27,160	
1984-85 Pool Account — Barley	1,884,744	
1984-85 Pool Account — Designated Barley	437,451	
1983-84 Pool Account — Wheat	8,223,307	
1983-84 Pool Account — Durum	927,992	
1983-84 Pool Account — Oats		
1983-84 Pool Account — Designated Oats	16,304	
1983-84 Pool Account — Barley	1,632,588	
1983-84 Pool Account — Designated Barley	409,140	
	<u>24,658,035</u>	<u>23,708,599</u>
2. Distributing Final Payments to Producers		
(a) Wheat & Durum		
1983-84 Pool Account — Wheat	207,528	
1983-84 Pool Account — Durum	30,131	
1982-83 Pool Account — Wheat	40,966	
1982-83 Pool Account — Durum	6,533	
1981-82 Pool Account — Wheat	7,496	
1981-82 Pool Account — Durum		
1980-81 Pool Account — Wheat	4	
1980-81 Pool Account — Durum		
1979-80 Pool Account — Wheat		
1979-80 Pool Account — Durum		
1978-79 Pool Account — Wheat		
1978-79 Pool Account — Durum		
		<u>274,765</u>
(b) Coarse Grains		
1983-84 Pool Account — Oats		
1983-84 Pool Account — Designated Oats		
1983-84 Pool Account — Barley		
1983-84 Pool Account — Designated Barley		
1982-83 Pool Account — Oats		
1982-83 Pool Account — Designated Oats		
1982-83 Pool Account — Designated Barley		
1981-82 Pool Account — Designated Oats		
1981-82 Pool Account — Barley		
1981-82 Pool Account — Designated Barley		
1980-81 Pool Account — Oats		
1980-81 Pool Account — Barley		
1980-81 Pool Account — Designated Barley		
1979-80 Pool Account — Barley		
1979-80 Pool Account — Designated Barley		
1978-79 Pool Account — Oats	1,025	
1978-79 Pool Account — Barley	2,210	
1978-79 Pool Account — Designated Barley		
	<u>140,961</u>	<u>84,532</u>
3. Allocation authorized by Order-in-Council from Special Account - Undistributed Payment Accounts in partial payment of Administrative and General Expense incurred in respect of the Prairie Grain Advance Payments Act	1,000,000	1,000,000
	<u>\$26,107,131</u>	<u>\$25,067,896</u>

# EXHIBIT IX



1935-1985

## STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1985

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year	\$ 35,203,467	\$ 35,200,848	\$ 2,619
1958-59 Crop Year	34,369,653	34,366,768	2,885
1959-60 Crop Year	38,492,505	38,490,056	2,449
1960-61 Crop Year	63,912,550	63,904,499	8,051
1961-62 Crop Year	16,656,713	16,651,008	5,705
1962-63 Crop Year	29,251,526	29,245,974	5,552
1963-64 Crop Year	62,136,418	62,129,676	6,742
1964-65 Crop Year	32,961,844	32,955,723	6,121
1965-66 Crop Year	40,600,386	40,596,508	3,878
1966-67 Crop Year	36,668,270	36,664,915	3,355
1967-68 Crop Year	47,280,533	47,277,263	3,270
1968-69 Crop Year	151,852,319	151,770,940	81,379
1969-70 Crop Year	272,777,516	272,475,345	302,171
1970-71 Crop Year	91,105,890	91,076,240	29,650
1971-72 Crop Year	68,142,360	68,104,534	37,826
1972-73 Crop Year	20,754,104	20,743,229	10,875
1973-74 Crop Year	35,259,387	35,219,656	39,731
1974-75 Crop Year	46,635,399	46,602,209	33,190
1975-76 Crop Year	20,236,528	20,208,199	28,329
1976-77 Crop Year	130,592,220	130,470,100	122,120
1977-78 Crop Year	119,090,916	118,909,208	181,708
1978-79 Crop Year	151,316,450	151,189,627	126,823
1979-80 Crop Year	99,146,581	99,054,697	91,884
1980-81 Crop Year	61,640,150	61,591,275	48,875
1981-82 Crop Year	333,688,190	333,089,537	598,653
1982-83 Crop Year	309,022,755	307,774,142	1,248,613
1983-84 Crop Year	286,736,519	284,765,718	1,970,801
1984-85 Crop Year	201,308,812	189,417,363	11,891,449
	<u>\$2,836,839,961</u>	<u>\$2,819,945,257</u>	
Balance to be refunded by Producers as at July 31, 1985		16,894,704	
Add:			
Bank interest to July 31, 1985 payable by the Government of Canada		105,734,059	
Less: Amount paid to July 31, 1985		<u>105,664,187</u>	69,872
			<u>16,964,571</u>
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada		1,113,035	
Line Elevator Companies		71,703	
Interest received on default payments		<u>10,341,430</u>	11,526,168
Owing to The Canadian Wheat Board as at July 31, 1985			<u>\$ 5,438,401</u>





1935-1985

## STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

for the year ended July 31, 1985

Balance of Special Account as at July 31, 1984	\$5,778,515
Transfer to Special Account authorized by Order-in-Council P.C. 1985 - 2261 from the following:	
1977 Wheat Payment Account	\$ 812,614
1977 Barley Payment Account	296,826
1977 Designated Barley Payment Account	87,391
	<u>1,196,831</u>
	6,975,346

Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1984	Authorized Crop Year 1984-85	Unexpended as at July 31, 1985	Expended Crop Year 1984-85
C. 1985 - 2262	Remote Sensing Crop Monitoring Project	\$ —	\$ 33,000	\$ 33,000	\$ —
C. 1985 - 1946	General Promotion and Overseas Advertising	124,454	140,000	176,009	88,445
C. 1985 - 1945	Customer Mission Program	282,951	360,000	568,515	74,436
C. 1984 - 2642	Market Development	500,000	—	359,167	140,833
C. 1984 - 1185	50th Anniversary	224,226	—	—	224,226
C. 1983 - 3764	Canadian HY320 Wheat Testing Program	28,298	—	22,510	5,788
C. 1983 - 2007	Canadian International Grains Institute Capital Expenditures	86,288	—	69,539	16,749
C. 1983 - 2003	Joint Policy Coordinating Committee of Canada and United States Wheat Producers	90,030	—	88,133	1,897
C. 1983 - 806	Prairie Grain Advance Payment Act — Administration	1,000,000	—	—	1,000,000
C. 1981 - 3436	Scholarship and Assistantship Program	36,517	243,483	30,142	249,858
		<u>\$2,372,764</u>	<u>\$776,483</u>	<u>\$1,347,015</u>	<u>\$1,802,232</u>
					1,802,232
					5,173,114
Less: Payments to producers against old payment accounts					1,558
Balance of Special Account as at July 31, 1985					<u>\$5,171,556</u>

At July 31, 1985 there were unexpended authorizations totalling \$1,347,015 leaving an unexpended balance of \$3,824,541 in the account.



# Deloitte Haskins+Sells

Chartered Accountants

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To The Canadian Wheat Board:

We have examined the balance sheet of The Canadian Wheat Board as at July 31, 1985, and the statements of operations for the 1984-85 pool accounts for wheat, amber durum wheat, designated oats, barley and designated barley for the period August 1, 1984 to completion of operations on September 30, 1985, the statements of operations for the 1984-85 pool account for oats for the period August 1, 1984 to completion of operations on November 15, 1985, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1985, the statement of advance payments to producers under the Prairie Grain Advance Payments Act as at July 31, 1985, and the statement of special account transactions for the year ended July 31, 1985. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Board as at July 31, 1985 and the results of operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.

Auditors

March 13, 1986



1935-1985

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1935-1985

TABLE I

ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES  
1961 to 1985

Crop Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed <sup>2</sup> 000 acres	Rapeseed <sup>3</sup> 000 acres	Total 000 acres
1961	22,864	1,852	24,716	5,211	5,424	495	2,054	710	38,616
1962	22,907	3,423	26,330	7,240	5,177	571	1,398	371	41,086
1963	25,087	2,003	27,090	6,338	6,042	634	1,630	478	42,212
1964	27,427	1,773	29,200	5,136	5,325	637	1,918	791	43,007
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,992
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,007
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,876
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	46,117
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,145
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	35,031
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,915
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,909
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,344
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,239
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,822
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,343
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	48,243
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	48,335
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,912
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,456
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,537
1983	29,660	3,500	33,160	2,620	9,830	956	1,065	5,750	53,921
1984	27,710	4,150	31,860	2,680	10,395	815	1,780	7,610	55,130
1985 <sup>1</sup>	28,820	4,300	33,120	2,710	10,750	830	1,830	6,875	56,165

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed acreage for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed acreage for British Columbia not available 1961 to 1966.

Source: Statistics Canada.



1935-1985

TABLE II

YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES  
1961 to 1985

Crop Year	Wheat kg per acre	Durum kg per acre	All Wheat kg per acre	Oats kg per acre	Barley kg per acre	Rye kg per acre	Flaxseed kg per acre	Rapeseed kg per acre
1961	295	213	288	394	435	251	173	358
1962	574	522	566	697	677	475	277	361
1963	710	679	708	748	777	485	317	399
1964	545	494	542	631	657	434	256	378
1965	622	546	621	743	766	561	317	356
1966	754	727	754	723	862	594	297	383
1967	533	422	528	591	666	427	228	344
1968	601	522	593	722	786	470	325	418
1969	728	716	727	760	856	437	305	376
1970	705	718	708	811	890	566	366	404
1971	744	671	735	836	930	577	322	406
1972	678	633	672	786	897	518	337	397
1973	685	600	678	796	851	566	340	382
1974	595	548	588	638	738	561	241	368
1975	730	646	716	763	856	651	317	407
1976	843	817	841	856	980	706	345	471
1977	784	709	778	848	1 004	650	442	550
1978	807	781	803	805	979	772	440	501
1979	644	643	644	770	973	627	354	405
1980	689	617	680	820	971	547	323	483
1981	810	709	796	840	1 006	833	407	530
1982	860	855	859	930	1 085	821	474	512
1983	775	749	772	826	945	775	417	453
1984	655	502	635	732	885	702	389	442
1985 <sup>1</sup>	720	455	685	822	1 011	613	503	498

Subject to revision.  
Source: Statistics Canada.(para)





1935-1985

TABLE III

PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES  
1961 to 1985

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed <sup>2</sup> 000 tonnes	Rapeseed <sup>3</sup> 000 tonnes	Total <sup>1</sup> 000 tonnes
1961	6 749	395	7 144	2 059	2 359	124	354	255	12 295
1962	13 148	1 788	14 936	5 042	3 508	271	389	133	24 277
1963	17 821	1 361	19 182	4 736	4 691	308	516	190	29 623
1964	14 945	876	15 821	3 243	3 502	276	493	300	23 635
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 695
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 747
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 963
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 066
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 506
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 618
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 319
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 633
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 817
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 113
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 786
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 498
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 816
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 886
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 068
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	34 539
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 416
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 995
1983	22 976	2 620	25 596	2 165	9 286	741	444	2 602	40 854
1984	18 137	2 085	20 222	1 961	9 197	572	693	3 361	36 036
1985 <sup>1</sup>	20 737	1 957	22 694	2 227	10 865	509	920	3 422	40 670

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed production for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed production for British Columbia not available 1961 to 1966.

Source: Statistics Canada.

**TABLE IV**  
**PRODUCERS' MARKETINGS — WESTERN CANADIAN GRAINS**  
**CROP YEARS 1960-61 to 1984-85**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1960-61	10 169	614	10 783	580	1 914	148	461	217	14 109
1961-62	8 023	287	8 310	434	1 292	87	304	228	10 658
1962-63	11 690	1 218	12 908	1 372	1 752	238	344	129	16 743
1963-64	14 284	1 191	15 475	767	2 002	202	441	170	19 051
1964-65	13 439	836	14 275	632	1 632	187	428	247	17 401
1965-66	14 967	529	15 496	798	2 044	306	602	426	19 672
1966-67	16 577	633	17 210	593	2 454	279	511	472	21 519
1967-68	11 922	489	12 411	475	1 901	176	202	454	15 619
1968-69	10 846	670	11 516	641	1 780	97	389	399	14 832
1969-70	10 158	1 089	11 247	322	3 667	193	561	646	16 636
1970-71	8 838	1 621	10 459	898	5 136	295	856	1 395	19 069
1971-72	11 945	2 139	14 084	499	6 433	395	548	1 584	23 547
1972-73	15 359	1 875	17 234	501	5 156	235	466	1 428	25 029
1973-74	13 294	1 302	14 596	614	5 118	189	391	993	21 901
1974-75	10 182	1 315	11 497	621	4 555	265	274	935	18 147
1975-76	11 993	2 307	14 300	794	4 686	321	395	1 399	21 599
1976-77	13 410	1 532	14 942	846	5 814	301	246	1 030	22 649
1977-78	17 275	1 835	19 110	764	5 237	256	494	1 759	27 685
1978-79	12 987	1 486	14 473	363	5 364	247	425	2 945	23 871
1979-80	16 795	1 909	18 704	319	5 408	449	675	2 928	26 886
1980-81	15 902	2 722	18 624	391	6 430	354	424	2 153	28 776
1981-82	17 064	2 607	19 671	503	7 505	617	377	1 991	30 668
1982-83	22 462	2 868	25 330	365	7 023	518	536	2 016	35 738
1983-84	20 749	2 273	23 022	407	6 690	691	381	2 264	33 358
1984-85 <sup>1</sup>	16 398	1 784	18 182	314	5 077	331	533	2 984	27 421

Subject to revision.  
Source: Canadian Grain Commission for 1984-85.  
All previous years — Statistics Canada "Grain Trade of Canada".

**TABLE V**  
**PRIMARY ELEVATOR SHIPMENTS**  
**CROP YEARS 1969-70 to 1984-85**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1969-70	10 271	790	11 061	459	3 705	178	515	536	16 489
1970-71	10 972	1 564	12 536	686	4 851	255	737	1 108	20 179
1971-72	14 160	2 054	16 214	641	6 676	297	574	967	25 365
1972-73	15 061	1 853	16 914	589	4 662	290	507	1 239	24 201
1973-74	12 926	1 400	14 326	578	4 677	193	362	753	20 889
1974-75	11 173	1 577	12 750	528	4 838	213	279	679	19 287
1975-76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
1976-77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 879
1977-78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 801
1978-79	13 508	1 478	14 986	353	5 680	219	466	1 863	21 667
1979-80	16 402	2 144	18 546	564	5 733	389	490	1 893	27 617
1980-81	15 988	2 500	18 488	406	5 740	450	508	1 280	26 872
1981-82	17 643	2 638	20 281	465	7 459	507	394	1 285	30 491
1982-83	21 089	2 871	23 960	368	6 815	388	382	1 228	33 141
1983-84	21 149	2 544	23 693	414	7 086	738	528	1 446	34 901
1984-85 <sup>1</sup>	17 803	1 933	19 736	303	4 551	346	490	1 757	27 186

Subject to revision.  
Source: Canadian Grain Commission for 1984-85.  
All previous years — Statistics Canada "Grain Trade of Canada".



1935-1985

**TABLE VI**  
**VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD**  
**CROP YEARS 1965-66 to 1984-85**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1965-66	9 338	783	10 121	599	1 059	157	322	30	12 288
1966-67	8 909	788	9 697	552	1 434	184	305	34	12 209
1967-68	4 301	415	4 716	437	825	85	223	8	6 291
1968-69	4 370	603	4 973	309	895	84	167	25	6 448
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 877
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 295
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 066
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 862
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 066
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 029
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 395
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 925
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 598
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 066
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 645
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 955
1981-82	8 739	2 019	10 758	199	2 725	372	229	136	14 410
1982-83	10 918	2 242	13 160	163	3 182	116	249	125	16 995
1983-84	11 751	2 312	14 063	138	3 555	74	345	185	18 365
1984-85 <sup>1</sup>	9 574	1 735	11 309	90	1 085	12	328	164	12 998

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission 451.01 for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".

**TABLE VII**  
**CANADIAN WHEAT SUPPLIES AND DISPOSITION**  
**CROP YEARS 1965-66 to 1985-86**

Crop Year	Inward Carryover¹ August 1st				Domestic Disappearance²		Exports¹ Wheat and	Total Outward³ Carryover July 31st
	Farm 000	Commercial 000	Production¹ 000	Total Supplies 000	Farm 000	Commercial⁴ 000	Flour 000	July 31st 000
	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1965-66	2 969	10 993	17 674	31 636	2 313	1 971	15 918	11 434
1966-67	2 722	8 712	22 516	33 950	2 425	1 941	14 024	15 466
1967-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	18 201
1968-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	23 187
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 482
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 386
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 886
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 947
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 683
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 028
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 929
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 312
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 732	2 509	16 262	8 510
1981-82	1 585	6 925	24 803	33 313	2 831	2 322	18 447	9 713
1982-83	3 560	6 153	26 736	36 449	2 602	2 496	21 368	9 953
1983-84	2 010	7 973	26 505	36 488	3 191	2 342	21 765	9 190
1984-85	1 735	7 455	21 199	30 389	2 953	2 250	17 583	7 600
1985-86³	1 085	6 518	23 899	31 502				

Source: Statistics Canada.  
A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.  
Subject to revision.  
Human food consumption in 1983-84 amounted to 2 006 000 tonnes. In 1984-85 the amount was 1 958 900 tonnes.

**TABLE VIII**  
**CANADIAN OATS SUPPLIES AND DISPOSITION**  
**CROP YEARS 1965-66 to 1985-86**

Crop Year	Inward Carryover August 1st <sup>1</sup>			Total Supplies 000 tonnes	Domestic Disappearance <sup>3</sup>			Exports <sup>2</sup> 000 tonnes	Total Carryover July 31st 000 tonnes
	Farm 000 tonnes	Commercial 000 tonnes	Production <sup>1</sup> 000 tonnes		Farm 000 tonnes	Commercial 000 tonnes			
1965-66	1 399	608	6 168	8 175	5 358	611	245	1 963	
1966-67	1 403	558	5 716	7 677	5 194	639	74	1 775	
1967-68	1 326	444	4 654	6 424	4 570	535	55	1 264	
1968-69	925	339	5 501	6 765	4 323	416	42	1 964	
1969-70	1 457	527	5 473	7 457	4 603	487	79	2 289	
1970-71	2 005	283	5 445	7 733	5 144	449	206	1 934	
1971-72	1 406	528	5 640	7 574	5 067	523	161	1 823	
1972-73	1 480	343	4 665	6 488	4 642	510	107	1 229	
1973-74	1 002	227	5 070	6 299	4 573	519	13	1 194	
1974-75	895	299	3 977	5 171	3 510	506	22	1 133	
1975-76	741	392	4 480	5 613	3 624	477	281	1 231	
1976-77	802	429	4 831	6 062	3 753	487	494	1 321	
1977-78	1 033	295	4 283	5 611	3 349	497	90	1 626	
1978-79	1 203	472	3 568	5 243	3 305	401	17	1 520	
1979-80	1 103	417	2 879	4 399	2 961	444	103	894	
1980-81	702	189	2 911	3 802	2 611	385	46	700	
1981-82	610	150	3 188	3 948	2 655	387	51	850	
1982-83	640	215	3 637	4 492	2 916	301	105	1 170	
1983-84	995	175	2 773	3 943	2 790	335	123	693	
1984-85	570	125	2 670	3 365	2 501	276	19	595	
1985-86 <sup>4</sup>	445	124	2 997	3 566					

<sup>1</sup> Source: Statistics Canada.  
<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Rolled Oats, Oatmeal and Seed Oats.  
<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.  
<sup>4</sup> Subject to revision.



**TABLE IX**  
**CANADIAN BARLEY SUPPLIES AND DISPOSITION**  
**CROP YEARS 1965-66 to 1985-86**

Crop Year	Inward Carryover August 1st <sup>1</sup>			Total Supplies 000 tonnes	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup> 000 tonnes	Total Outward Carryover July 31st 000 tonnes
	Farm 000 tonnes	Commercial 000 tonnes	Production <sup>1</sup> 000 tonnes		Farm 000 tonnes	Commercial 000 tonnes		
1965-66	780	1 153	4 753	6 686	2 760	970	828	2 128
1966-67	718	1 410	6 450	8 578	3 245	1 190	1 275	2 868
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	2 850
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	4 298
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 688	4 326	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 641	3 783	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 690	3 540	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 967	3 800	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 142	4 086	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 777	3 521	3 203
1981-82	1 140	2 063	13 724	16 927	5 370	1 424	6 002	4 131
1982-83	1 950	2 181	13 965	18 096	5 541	1 688	5 648	5 129
1983-84	3 225	1 904	10 209	15 338	5 656	2 175	5 536	1 971
1984-85	1 080	891	10 296	12 267	5 483	1 897	2 781	2 106
1985-86 <sup>4</sup>	815	1 291	12 247	14 353				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Export Barley and Pot and Pearl Barley.

<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketing and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>4</sup> Subject to revision.

**TABLE X**  
**CANADIAN GRAIN STORAGE POSITION 1966 to 1985**  
**VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31ST<sup>1</sup>**

Year	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	U.S. and Foreign Grain 000 tonnes	Total 000 tonnes	Total Licensed Capacity 000 tonnes
1966	8 712	558	1 410	207	227	68	211	11 393	18 441
1967	10 117	444	1 410	155	262	110	200	12 698	18 561
1968	11 689	339	1 298	141	104	170	209	13 950	18 981
1969	13 053	527	1 326	93	104	99	219	15 421	19 051
1970	12 682	283	1 700	151	136	79	284	15 315	19 051
1971	9 235	528	1 799	192	409	246	143	12 552	18 881
1972	7 410	344	1 956	261	255	609	206	11 041	18 311
1973	6 815	226	2 287	221	180	460	389	10 578	17 981
1974	7 884	299	3 101	203	163	247	313	12 210	17 621
1975	6 405	392	2 994	251	155	309	124	10 630	17 861
1976	6 401	429	1 675	223	330	697	142	9 897	17 511
1977	6 160	295	2 086	289	186	174	128	9 318	16 971
1978	7 108	472	2 095	212	367	291	201	10 746	16 851
1979	5 957	417	1 695	248	244	819	255	9 635	16 741
1980	6 448	189	906	279	440	1 137	349	9 748	16 631
1981	6 925	150	2 063	169	228	924	213	10 672	16 351
1982	6 154	215	2 181	231	221	621	176	9 799	16 071
1983	7 883	175	1 904	431	347	446	117	11 303	15 731
1984	7 358	125	891	326	130	105	83	9 018	15 531
1985 <sup>4</sup>	6 412	124	1 291	233	119	375	105	8 659	15 501

<sup>1</sup> Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill feed plants for processing.

<sup>2</sup> For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.

<sup>3</sup> Metric tonnes expressed in wheat equivalent.

<sup>4</sup> Subject to revision.





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**TABLE XI**  
**EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS**  
**CROP YEARS 1960-61 To 1984-85**

Crop Year	Wheat <sup>1</sup> 000 tonnes	Flour <sup>2</sup> 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed <sup>3</sup> 000 tonnes	Rapeseed <sup>4</sup> 000 tonnes	Corn 000 tonnes	Total 000 tonnes
1960-61	8 643	971	41	1 027	66	366	184	2	11 300
1961-62	8 878	870	53	934	111	316	158	2	11 322
1962-63	8 276	742	335	335	186	330	130	1	10 335
1963-64	14 687	1 494	289	1 022	140	362	121	2	18 117
1964-65	10 017	858	240	806	123	398	210	7	12 659
1965-66	14 881	1 038	246	828	204	495	309	9	18 010
1966-67	13 157	867	74	1 275	253	433	313	2	16 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 326	299	212	820	233	18 507
1976-77	12 711	725	494	3 783	168	369	1 449	180	19 879
1977-78	15 246	794	90	3 540	271	282	1 476	323	22 022
1978-79	12 302	782	17	3 800	154	514	2 287	192	20 046
1979-80	15 215	674	103	4 086	397	475	2 420	344	23 714
1980-81	15 569	693	46	3 521	446	607	2 212	1 051	24 145
1981-82	17 973	474	51	6 002	561	481	2 040	1 281	28 863
1982-83	20 956	411	105	5 648	313	471	1 752	511	30 167
1983-84	21 285	480	122	5 536	747	629	2 460	429	31 688
1984-85 <sup>5</sup>	17 073	470	19	2 781	359	521	2 590	554	24 367

<sup>1</sup> Wheat exports include bagged Seed Wheat.

<sup>2</sup> Wheat equivalent.

<sup>3</sup> Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal from 1979-80.

<sup>4</sup> Rapeseed exports for the years 1964-65 to 1972-73 do not include Rapeseed Oil exports. The years 1960-61 to 1963-64 include Rapeseed Oil exports. The years 1973-74 onward include Rapeseed Oil and Rapeseed Meal exports.

<sup>5</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".



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TABLE XII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1975-76 to 1984-85

Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	4	38	71	36	12	—	16	23	10	12
Denmark	—	—	—	1	1	—	—	—	1	—
France	29	30	81	62	4	12	88	107	199	12
Germany, Federal Republic	86	356	66	15	12	1	18	1	26	—
Ireland	—	—	—	—	—	—	1	—	1	—
Italy	629	546	894	544	723	765	515	624	742	22
Netherlands	62	197	221	62	70	22	38	17	103	10
United Kingdom	1 189	1 431	1 526	1 312	1 361	1 409	1 366	1 109	955	63
<b>TOTAL EEC</b>	<b>1 999</b>	<b>2 598</b>	<b>2 859</b>	<b>2 032</b>	<b>2 183</b>	<b>2 209</b>	<b>2 042</b>	<b>1 881</b>	<b>2 037</b>	<b>1 21</b>
<b>OTHER WESTERN EUROPE:</b>										
Finland	—	—	6	88	9	6	29	—	—	—
Norway	112	118	67	67	137	10	57	70	148	6
Portugal	—	—	57	39	43	17	—	—	—	—
Spain	—	—	26	54	—	51	—	—	—	—
Sweden	—	—	1	4	1	—	—	2	—	—
Switzerland	60	52	77	63	71	54	49	109	49	—
<b>TOTAL OTHER</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>WESTERN EUROPE:</b>	<b>172</b>	<b>170</b>	<b>234</b>	<b>315</b>	<b>261</b>	<b>138</b>	<b>135</b>	<b>181</b>	<b>197</b>	<b>8</b>
<b>EASTERN EUROPE:</b>										
Albania	24	—	—	—	—	—	—	—	—	—
Czechoslovakia	—	67	—	—	6	—	14	5	5	—
Germany, People's	—	—	—	—	—	—	—	—	—	—
Rep. of	—	292	32	74	10	67	—	308	73	17
Poland	369	868	686	583	1 487	1 091	1 674	622	52	9
Romania	473	84	—	—	—	—	—	—	—	—
U.S.S.R.	3 236	1 043	2 146	1 429	2 579	3 971	5 019	6 959	6 761	6 01
Yugoslavia	—	130	88	—	127	—	—	—	—	—
<b>TOTAL EASTERN EUROPE:</b>	<b>4 102</b>	<b>2 484</b>	<b>2 952</b>	<b>2 086</b>	<b>4 209</b>	<b>5 129</b>	<b>6 707</b>	<b>7 894</b>	<b>6 891</b>	<b>6 28</b>
<b>TOTAL EUROPE:</b>	<b>6 273</b>	<b>5 252</b>	<b>6 045</b>	<b>4 433</b>	<b>6 653</b>	<b>7 476</b>	<b>8 884</b>	<b>9 956</b>	<b>9 125</b>	<b>7 58</b>
<b>AFRICA:</b>										
Algeria	83	508	462	335	598	654	590	512	813	50
Benin	—	—	—	—	1	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	7	—
Ethiopia	5	—	86	15	51	81	45	92	49	12
Ghana	79	117	104	76	98	25	45	24	63	—
Ivory Coast	—	—	—	—	—	—	1	—	—	—
Kenya	—	—	—	—	—	—	16	—	—	—
Libya	—	22	—	—	28	81	291	110	93	12
Mali	—	—	—	—	—	—	—	13	—	—
Mauritania	—	5	8	10	—	2	—	4	11	—
Morocco	34	88	275	100	129	12	15	—	—	—
Mozambique	—	32	11	11	—	5	16	25	—	2
Niger	5	—	—	—	—	—	2	4	—	—
Nigeria	—	23	3	20	28	—	—	21	66	—
Rwanda	—	—	—	1	—	—	—	1	14	—
Senegal	—	5	10	2	6	8	9	13	10	—
Somalia	—	10	—	—	—	—	7	—	—	—
Sudan	—	1	—	—	7	—	—	—	2	—
Tanzania	21	24	34	38	—	10	13	—	13	1
Togo	—	6	5	3	8	—	—	21	23	—
Tunisia	—	47	41	73	49	23	10	—	—	—
Uganda	—	—	—	—	8	—	—	9	1	—
Upper Volta	—	—	—	—	—	—	—	3	2	—
Zaire	—	—	—	1	—	—	—	—	—	—
Zambia	—	—	—	—	17	—	—	—	—	—
Zimbabwe	—	—	—	—	3	—	—	—	17	—
<b>TOTAL AFRICA</b>	<b>227</b>	<b>888</b>	<b>1 039</b>	<b>685</b>	<b>1 031</b>	<b>901</b>	<b>1 060</b>	<b>852</b>	<b>1 184</b>	<b>9</b>



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Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85' 000 tonnes
<b>MIDDLE EAST:</b>										
Arab Rep. of Egypt	—	258	409	117	—	—	316	23	662	450
Cyprus	—	13	8	—	—	—	—	—	32	14
Iran	—	—	—	—	110	96	73	107	488	41
Iraq	111	209	233	102	428	453	258	280	608	367
Israel	—	—	1	—	—	—	—	—	18	99
Jordan	—	1	—	—	—	—	—	—	—	—
Lebanon	82	25	105	221	75	119	91	158	—	—
Saudi Arabia	—	—	—	—	—	—	—	26	—	—
Syria	—	84	281	—	20	—	—	242	260	529
Yemen, P.D.R.	27	2	8	1	—	6	—	24	—	108
<b>TOTAL MIDDLE EAST:</b>	<b>133</b>	<b>537</b>	<b>1 045</b>	<b>441</b>	<b>633</b>	<b>669</b>	<b>648</b>	<b>544</b>	<b>1 360</b>	<b>1 108</b>
<b>ASIA:</b>										
Afghanistan	—	7	34	13	21	—	—	—	—	—
Bangladesh	154	190	222	337	428	134	264	312	476	65
China, People's Rep. of	1 207	2 074	3 469	3 102	2 516	2 879	3 101	4 424	3 428	2 780
Hong Kong	13	34	30	34	37	16	9	6	13	13
India	539	79	—	—	—	40	91	7	513	5
Indonesia	20	148	—	—	24	—	32	224	201	200
Japan	1 574	1 246	1 419	1 226	1 336	1 381	1 367	1 341	1 325	1 323
Korea, Dem. People's Republic	—	36	—	—	—	—	—	—	—	—
Korea, South	—	29	—	—	—	—	—	—	6	—
Malaysia	—	7	3	20	10	10	—	5	—	72
Nepal	—	—	—	—	13	1	—	—	—	—
Pakistan	161	58	89	150	34	6	54	29	58	33
Philippines	8	363	—	—	27	—	—	—	—	—
Singapore	—	—	23	4	—	—	—	46	—	—
Sri Lanka	—	—	—	—	—	—	21	98	124	100
Taiwan	—	22	—	—	79	—	28	85	84	81
Viet-Nam	—	12	118	22	—	—	—	—	—	—
<b>TOTAL ASIA:</b>	<b>3 407</b>	<b>3 407</b>	<b>5 407</b>	<b>4 908</b>	<b>4 525</b>	<b>4 525</b>	<b>4 525</b>	<b>4 525</b>	<b>4 525</b>	<b>4 525</b>
<b>WESTERN HEMISPHERE:</b>										
Barbados	—	—	1	4	4	—	5	—	2	—
Belize	—	—	—	—	—	—	—	1	—	—
Bolivia	—	—	—	—	—	—	—	—	12	—
Brazil	597	1 031	782	948	1 270	1 284	1 314	1 503	1 362	1 145
Chile	—	—	75	—	—	—	24	—	—	—
Costa Rica	—	—	—	—	—	—	4	—	—	—
Cuba	470	339	496	523	866	656	730	878	772	598
Dominican Republic	—	—	3	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	—	2	—
Haiti Republic	32	53	71	38	33	37	20	—	—	25
Honduras	—	—	—	—	—	—	—	2	—	4
Jamaica	8	23	30	51	62	45	31	23	22	24
Mexico	—	—	91	21	71	27	154	189	276	—
Nicaragua	—	—	—	—	—	—	18	—	48	—
Panama	96	62	78	124	48	—	8	—	49	26
St. Vincent	—	—	16	21	4	—	—	—	—	—
Trinidad & Tobago	11	85	60	87	8	—	—	—	—	—
Venezuela	3	44	—	15	4	—	15	—	69	294
United States	22	35	—	—	—	—	—	115	63	159
<b>TOTAL WESTERN HEMISPHERE</b>	<b>1 239</b>	<b>1 672</b>	<b>1 703</b>	<b>1 832</b>	<b>2 370</b>	<b>2 370</b>	<b>2 370</b>	<b>2 370</b>	<b>2 370</b>	<b>2 370</b>
<b>TOTAL BULK WHEAT:</b>	<b>11 635</b>	<b>12 709</b>	<b>15 239</b>	<b>12 299</b>	<b>15 212</b>	<b>15 567</b>	<b>17 972</b>	<b>20 956</b>	<b>21 283</b>	<b>17 071</b>
<b>AGGREGATED SEED WHEAT:</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>RAND TOTAL:</b>	<b>11 637</b>	<b>12 711</b>	<b>15 246</b>	<b>12 302</b>	<b>15 215</b>	<b>15 569</b>	<b>17 973</b>	<b>20 957</b>	<b>21 284</b>	<b>17 073</b>

Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".



1935-1985

TABLE XIII

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1975-76 to 1984-85

Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes
WESTERN EUROPE:										
EEC	5	3	—	—	—	2	1	1	1	
Other Western Europe	4	3	5	4	4	4	4	3	3	
TOTAL WESTERN EUROPE:	9	6	5	4	4	6	5	4	4	
EASTERN EUROPE:	20	9	2	—	—	248				
TOTAL EUROPE:	29	15	7	4	4	254	5	4	4	
AFRICA:										
Arab Republic of Egypt	15	34	42	38	31	12	32	26	23	1
Algeria	—	—	—	2	7	11	5	5	—	—
Others	2	5	9	9	10	16	48	41	30	8
TOTAL AFRICA:	17	39	51	49	48	39	85	72	53	10
MIDDLE EAST:	35	14	29	36	27	10	25	21	8	6
ASIA:										
China, People's Republic of	—	—	—	—	—	—	—	—	86	6
Korea, South	39	6	48	31	2	17	—	51	—	—
Sri Lanka	33	71	27	51	3	—	—	—	—	—
Thailand	1	1	1	1	1	1	1	1	1	—
Viet-Nam	13	18	98	49	42	—	—	—	—	—
Others	4	7	9	4	5	3	2	1	1	—
TOTAL ASIA:	90	103	183	136	53	21	3	53	88	6
WESTERN HEMISPHERE:										
Bahamas	5	4	5	4	5	4	4	5	5	
Barbados	8	5	5	6	3	3	3	3	3	
Bermuda	3	2	3	3	4	4	3	3	2	
Cuba	478	506	493	509	471	326	320	223	281	18
Haiti Republic	4	6	—	8	35	11	1	2	2	
Jamaica	3	3	3	16	3	4	6	2	3	
Leeward & Windward Islands	19	13	9	3	3	2	2	2	2	
Trinidad & Tobago	1	13	3	2	2	3	3	2	5	
United States	2	1	1	2	2	7	8	12	7	1
Others	5	1	2	4	13	6	6	7	16	2
TOTAL WESTERN HEMISPHERE:	528	554	524	557	541	370	356	261	326	20
GRAND TOTAL:	699	725	794	782	673	694	474	411	479	40

<sup>1</sup> Subject to revision.

Source: Statistics Canada.



1935-1985

**TABLE XIV**  
**CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1975-76 to 1984-85**

Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 <sup>1</sup> 000 tonnes
<b>WESTERN EUROPE:</b>										
<b>EEC:</b>										
Belgium and Luxembourg	2	8	—	4	6	—	13	—	—	36
Denmark	—	—	—	1	1	—	—	—	—	—
France	27	27	75	62	—	12	88	99	199	123
Germany, Federal Republic	75	43	14	15	—	1	18	—	17	2
Greece	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	1	—	—	1
Italy	386	213	762	376	628	526	423	525	504	162
Netherlands	34	48	97	58	47	13	24	12	86	25
United Kingdom	10	43	32	7	7	12	5	2	2	4
<b>TOTAL EEC:</b>	<b>534</b>	<b>382</b>	<b>980</b>	<b>523</b>						
<b>OTHER WESTERN EUROPE:</b>										
Iceland	—	—	—	—	—	3	—	—	—	—
Norway	21	—	2	6	6	10	—	11	13	6
Portugal	—	—	—	14	29	17	—	—	—	—
Spain	—	—	26	40	—	51	—	—	—	—
Sweden	—	—	1	4	1	—	—	1	—	3
Switzerland	49	26	20	16	21	24	27	44	16	2
<b>TOTAL OTHER</b>										
<b>WESTERN EUROPE:</b>	<b>70</b>	<b>26</b>	<b>49</b>	<b>80</b>						
<b>EASTERN EUROPE:</b>										
Czechoslovakia	—	25	—	—	6	—	14	5	5	5
Germany, People's Republic of	—	—	—	—	10	32	—	26	51	50
Poland	25	175	14	100	255	93	112	59	52	25
U.S.S.R.	838	447	396	222	254	496	860	1 204	555	533
<b>TOTAL EASTERN EUROPE:</b>	<b>863</b>	<b>647</b>	<b>410</b>	<b>322</b>						
<b>TOTAL EUROPE:</b>	<b>1 467</b>	<b>1 055</b>	<b>1 439</b>	<b>925</b>						
<b>AFRICA:</b>										
Algeria	83	508	462	336	595	654	589	512	813	508
Egypt	—	22	—	—	10	24	52	47	93	103
Gambia	—	5	—	—	—	2	—	4	8	11
Ghana	9	24	—	—	—	—	—	—	—	—
Guinea	5	—	—	—	—	—	—	—	—	—
Kenya	—	5	—	—	—	—	—	—	—	—
Libya	—	24	41	73	38	23	—	—	—	—
<b>TOTAL AFRICA:</b>	<b>97</b>	<b>588</b>	<b>503</b>	<b>409</b>						
<b>MIDDLE EAST:</b>										
Iran	—	—	—	—	—	—	—	—	—	52
Israel	—	—	1	—	—	—	—	—	—	7
<b>TOTAL MIDDLE EAST:</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>						
<b>ASIA:</b>										
Bangladesh	76	33	7	—	5	—	—	—	—	—
Japan	—	—	—	—	—	48	32	77	60	61
<b>TOTAL ASIA:</b>	<b>76</b>	<b>33</b>	<b>7</b>	<b>—</b>				<b>77</b>		
<b>WESTERN HEMISPHERE:</b>										
Costa Rica	—	—	—	—	—	—	4	—	—	—
Cuba	22	20	18	16	25	34	44	59	52	59
United States	—	—	—	—	—	—	—	—	3	—
Venezuela	3	—	—	—	4	—	4	—	16	48
<b>TOTAL WESTERN HEMISPHERE</b>	<b>25</b>	<b>20</b>	<b>18</b>	<b>16</b>						
<b>RAND TOTAL:</b>	<b>1 665</b>	<b>1 696</b>	<b>1 968</b>	<b>1 350</b>						<b>1 826</b>

Subject to revision.

Source: Canadian Grain Commission for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".





1935-1985

TABLE XV

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES  
CROP YEARS 1975-76 to 1984-85

Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	13	119	94	—	—	—	121	481	708	—
Denmark	—	10	—	—	—	—	—	—	—	—
France	—	7	—	—	—	—	—	—	22	—
Germany, Federal Rep.	235	238	206	100	53	—	—	51	20	—
Greece	—	—	26	—	—	—	—	—	—	—
Italy	593	851	630	425	582	344	417	310	126	—
Netherlands	47	155	31	—	—	1	—	—	63	—
United Kingdom	58	56	58	72	24	10	3	—	—	—
<b>TOTAL EEC:</b>	<b>946</b>	<b>1 436</b>	<b>1 045</b>	<b>597</b>	<b>659</b>	<b>355</b>	<b>541</b>	<b>542</b>	<b>939</b>	—
Finland	—	—	—	—	—	—	111	—	—	—
Iceland	—	—	—	4	4	3	1	—	—	—
Malta	2	—	—	—	9	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	5	—
Spain	—	—	—	—	—	—	235	410	102	—
Switzerland	30	40	—	—	—	—	—	—	—	—
<b>TOTAL OTHER</b>	<b>32</b>	<b>40</b>	<b>—</b>	<b>4</b>	<b>13</b>	<b>3</b>	<b>341</b>	<b>410</b>	<b>107</b>	—
<b>WESTERN EUROPE:</b>										
<b>EASTERN EUROPE:</b>										
Bulgaria	—	—	—	31	—	—	—	—	—	—
Germany, People's Republic of	27	282	—	246	—	—	103	600	1 123	79
Hungary	—	—	—	32	—	—	—	—	—	—
Poland	318	150	595	570	383	147	—	—	105	—
Romania	—	—	15	226	—	—	—	—	67	—
U.S.S.R.	1 175	121	166	126	872	1 573	2 780	1 526	472	41
<b>TOTAL EASTERN EUROPE:</b>	<b>1 520</b>	<b>553</b>	<b>776</b>	<b>1 231</b>	<b>1 255</b>	<b>1 720</b>	<b>2 883</b>	<b>2 126</b>	<b>1 767</b>	<b>1 20</b>
<b>TOTAL EUROPE:</b>	<b>2 466</b>	<b>2 029</b>	<b>1 821</b>	<b>1 831</b>	<b>1 914</b>	<b>1 075</b>	<b>3 424</b>	<b>3 670</b>	<b>2 646</b>	<b>1 20</b>
<b>AFRICA:</b>										
Algeria	—	78	109	80	138	—	36	—	—	—
Libya	—	9	—	—	—	—	—	—	—	—
Morocco	—	—	21	—	—	—	4	—	—	—
Tunisia	—	—	—	21	—	—	—	—	—	—
<b>TOTAL AFRICA:</b>	<b>—</b>	<b>87</b>	<b>130</b>	<b>101</b>	<b>138</b>	<b>—</b>	<b>40</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>MIDDLE EAST:</b>										
Cyprus	20	—	20	63	93	—	45	61	58	—
Iran	26	177	184	154	23	—	80	92	209	—
Iraq	—	46	—	16	59	—	—	101	197	13
Israel	227	132	116	235	239	124	209	252	256	11
Jordan	—	—	—	—	23	—	—	8	—	—
Kuwait	—	—	—	—	32	—	—	—	—	—
Lebanon	7	18	9	15	43	—	15	—	—	—
Saudi Arabia	—	—	—	—	57	—	89	—	31	—
Syria	—	—	—	—	103	—	—	—	98	—
Turkey	—	—	—	—	—	—	—	—	188	—
<b>TOTAL MIDDLE EAST:</b>	<b>280</b>	<b>309</b>	<b>329</b>	<b>463</b>	<b>672</b>	<b>124</b>	<b>438</b>	<b>514</b>	<b>1 037</b>	<b>—</b>
<b>ASIA:</b>										
China, People's Republic of	—	—	—	—	—	—	77	83	26	—
Japan	1 031	862	841	873	789	805	914	970	820	7
Korea, South	—	—	—	—	—	—	—	—	5	—
Singapore	—	—	—	—	—	—	—	—	262	14
Taiwan	—	—	—	—	—	—	118	83	—	—
<b>TOTAL ASIA:</b>	<b>1 031</b>	<b>862</b>	<b>841</b>	<b>873</b>	<b>789</b>	<b>805</b>	<b>1 109</b>	<b>1 136</b>	<b>1 113</b>	<b>—</b>
<b>WESTERN HEMISPHERE:</b>										
Colombia	35	56	72	78	91	47	86	101	115	—
Cuba	21	33	38	31	47	60	53	42	40	—
Ecuador	—	—	—	7	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	22	63	—
Peru	8	—	19	9	29	11	23	16	13	—
United States	282	168	99	140	138	111	202	121	74	—
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>346</b>	<b>257</b>	<b>228</b>	<b>265</b>	<b>305</b>	<b>229</b>	<b>364</b>	<b>302</b>	<b>305</b>	<b>—</b>
<b>TOTAL BARLEY:</b>	<b>4 155</b>	<b>3 608</b>	<b>3 349</b>	<b>3 554</b>	<b>3 831</b>	<b>3 236</b>	<b>5 722</b>	<b>5 530</b>	<b>5 268</b>	<b>2</b>
<b>MALT (Barley Equivalent):</b>	<b>171</b>	<b>174</b>	<b>191</b>	<b>246</b>	<b>254</b>	<b>285</b>	<b>280</b>	<b>318</b>	<b>269</b>	<b>1</b>
<b>GRAND TOTAL:</b>	<b>4 326</b>	<b>3 782</b>	<b>3 540</b>	<b>3 800</b>	<b>4 085</b>	<b>3 521</b>	<b>6 002</b>	<b>5 848</b>	<b>5 537</b>	<b>2</b>

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".



Country	1975-76 000 tonnes	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 <sup>1</sup> 000 tonnes
EASTERN EUROPE:										
Czech Republic	—	36	—	—	—	—	—	—	—	—
Germany, Federal Rep.	—	164	1	—	—	—	—	—	—	—
Poland	—	68	40	—	14	—	—	—	—	—
Netherlands	9	114	2	1	12	—	—	3	—	—
United Kingdom	—	7	—	—	—	—	—	—	—	—
TOTAL EEC:	9	389	43	1	26	—	—	3	—	—
WESTERN EUROPE:										
Austria	—	19	—	3	—	—	—	3	—	—
ITAL OTHER	—	—	—	—	—	—	—	—	—	—
TOTAL WESTERN EUROPE:	—	19	—	3	—	—	—	—	—	—
SOUTHERN EUROPE:										
Greece	—	42	—	—	47	41	3	—	—	—
U.S.S.R.	251	—	—	—	—	—	16	—	—	—
TOTAL SOUTHERN EUROPE:	251	42	—	—	47	41	19	—	—	—
TOTAL EUROPE:	260	450	43	4	73	41	19	6	—	—
MIDDLE EAST:										
Cyprus	4	—	—	—	—	—	—	—	—	—
TOTAL MIDDLE EAST:	4	—	—	—	—	—	—	—	—	—
ASIA:										
Japan	—	3	—	—	—	—	—	2	3	—
TOTAL ASIA:	—	3	—	—	—	—	—	2	3	—
WESTERN HEMISPHERE:										
Canada	11	19	29	9	26	2	11	14	1	—
Peru	—	—	3	—	—	—	—	—	—	—
Venezuela	4	—	3	—	—	1	—	—	—	—
United States	1	20	11	—	2	—	17	82	117	18
TOTAL WESTERN HEMISPHERE:	16	39	46	9	28	3	28	96	118	18
GLOBAL TOTALS, ALL COUNTRIES:	280	492	89	13	101	44	47	104	121	18
TOTALS:										
HARVESTED OATS:	—	1	1	2	1	1	3	—	1	—
TOTAL WHEAT AND ROLLED OATS (its Equivalent):	—	1	—	2	3	—	—	1	—	1
TOTALS, ALL COUNTRIES:	280	494	90	17	105	45	50	105	122	19

All previous years — Statistics Canada "Grain Trade of Canada".



1935-1985

TABLE XVII

OVERSEAS<sup>1</sup> CLEARANCES OF CANADIAN BLUK GRAIN<sup>2</sup> BY PORT AREAS  
CROP YEARS 1964-65 to 1984-85

Crop Year	Atlantic Coast <sup>2</sup> 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct <sup>3</sup> 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1964-65	931	4 209	497	600	4 900	11 137
1965-66	1 091	8 104	635	682	6 130	16 642
1966-67	896	6 813	794	572	6 038	15 113
1967-68	423	3 271	569	586	5 025	9 874
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82	862	11 909	954	438	11 625	25 788
1982-83	657	14 944	782	557	11 521	28 461
1983-84	760	14 376	1 306	621	12 507	29 570
1984-85 <sup>4</sup>	450	9 707	1 047	437	10 617	22 258

<sup>1</sup> To all countries except the U.S.A.

<sup>2</sup> Wheat (excluding bagged seed wheat), Oats, Barley, Rye and Flaxseed. Includes Rapeseed from 1965-66.

<sup>3</sup> Includes shipments from ports along the Great Lakes.

<sup>4</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada".



1935-1985

TABLE XVIII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES  
CROP YEARS 1970-71 to 1984-85

Crop Year	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC <sup>1</sup> 000 tonnes	China 000 tonnes
1970-71	9 024	4 920	7 890	36 783	36 557	31 000
1971-72	14 412	5 440	8 607	44 052	41 988	32 575
1972-73	14 514	7 900	6 590	42 081	43 282	35 985
1973-74	16 162	6 560	11 987	46 560	43 081	35 225
1974-75	13 304	5 970	11 357	48 496	47 501	40 865
1975-76	17 081	8 570	11 982	57 885	40 039	45 310
1976-77	23 587	11 000	11 800	58 480	41 466	50 385
1977-78	19 858	5 300	9 370	55 670	40 125	41 075
1978-79	21 136	8 100	18 090	48 322	50 304	53 840
1979-80	17 196	8 100	16 188	58 080	48 826	62 730
1980-81	19 292	7 780	10 856	64 798	55 089	55 210
1981-82	24 803	8 300	16 360	75 805	54 312	59 640
1982-83	26 737	15 000	8 876	75 250	59 895	68 420
1983-84	26 505	12 300	21 903	65 829	59 397	81 390
1984-85 <sup>2</sup>	21 199	13 200	18 630	70 637	76 232	87 820

Crop Year	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1970-71	20 093	10 000	99 664	7 294	55 675	318 600
1971-72	23 833	13 500	98 760	6 476	64 457	354 100
1972-73	26 410	12 200	85 993	6 579	66 566	348 100
1973-74	24 735	10 000	109 784	7 443	64 263	375 800
1974-75	21 778	11 000	83 913	7 629	71 987	363 800
1975-76	24 235	14 750	66 224	7 673	65 451	359 200
1976-77	28 846	16 500	96 882	8 691	77 363	425 000
1977-78	29 010	16 650	92 161	9 144	68 037	386 400
1978-79	31 749	16 700	120 936	8 367	73 456	451 000
1979-80	35 508	17 500	90 207	9 950	64 515	428 800
1980-81	31 564	16 600	98 182	10 805	75 124	445 300
1981-82	36 313	17 000	80 000	11 475	69 292	453 300
1982-83	37 452	17 500	85 000	11 304	77 366	482 800
1983-84	42 794	16 400	80 000	12 414	77 168	498 100
1984-85 <sup>2</sup>	45 148	17 200	75 000	10 882	84 852	520 800

<sup>1</sup> Ten Member States.

<sup>2</sup> Preliminary — subject to revision.

Source: For Canada — Statistics Canada.

United States — "Crop Production", USDA, November 1985.

For all other countries — IWC "World Wheat Statistics".



1945-1985

TABLE XIX

COARSE GRAIN<sup>1</sup> PRODUCTION IN THE MAJOR EXPORTING COUNTRIES<sup>2</sup>  
CROP YEARS 1976-77 to 1984-85

Countries	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
	(million of tonnes)								
Canada:									
Barley	10.5	11.8	10.4	8.5	11.4	13.7	14.1	10.2	10.3
Oats	4.8	4.3	3.6	2.9	2.9	3.2	3.7	2.8	2.7
Corn	3.8	4.2	4.5	5.3	5.7	6.7	6.5	5.9	7.0
Rye	0.4	0.4	0.6	0.5	0.5	0.9	0.9	0.8	0.7
Mixed Grain	1.6	1.6	1.6	1.7	1.6	1.5	1.5	1.2	1.3
Total	21.1	22.3	20.7	18.9	22.1	26.0	26.7	20.9	22.0
United States	193.9	203.8	222.1	238.7	198.3	246.6	250.7	13.7	237.1
Australia	5.1	4.3	7.1	6.2	5.2	6.7	3.9	9.4	8.5
Argentina	16.9	18.3	17.3	10.6	21.0	18.4	17.8	17.4	19.1
South Africa	10.3	11.0	8.8	11.7	15.3	8.8	4.5	5.1	8.5
Thailand	3.0	2.2	3.0	3.6	3.5	4.7	3.7	4.2	4.7
Western Europe	73.1	87.5	94.0	91.1	95.0	87.9	93.6	86.7	103.7
Eastern Europe	59.5	59.2	60.5	63.4	61.4	64.5	72.0	67.1	73.6
U.S.S.R.	115.0	92.6	105.3	81.1	80.5	72.0	86.0	99.0	86.0
Others	202.5	201.5	214.8	216.5	229.7	234.3	220.3	361.8	245.1
WORLD TOTAL	700.4	702.7	753.6	741.8	732.0	769.9	779.2	685.3	808.3

<sup>1</sup> Includes corn, barley, oats, rye, sorghum, millet and mixed grains.

<sup>2</sup> July-June trade year through 1978-79. From 1979-80 the crop year is October-September for all countries except Canada, which is the August-July crop year.

<sup>3</sup> Subject to revision.

Source: USDA "Foreign Agriculture Circular", December 1985, F.G. 15, page 12, for all countries except Canada "Field Crop Report" Series No. 8".





**TABLE XX**  
**WORLD COARSE GRAIN<sup>1</sup> EXPORTS\***  
**CROP YEARS 1976-77 to 1984-85**

Countries	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85 <sup>2</sup>
	(million of tonnes)								
Canada:									
Barley	3.6	3.3	3.6	3.8	3.2	5.7	5.3	5.3	2.6
Oats	0.5	0.1	—	0.1	—	—	0.1	0.1	—
Corn	0.2	0.3	0.2	0.3	1.1	1.3	0.5	0.4	0.6
Rye	0.1	0.3	0.2	0.4	0.4	0.5	0.3	0.7	0.3
Total	4.4	4.0	4.0	4.6	4.7	7.5	6.2	6.5	3.5
United States	50.6	52.1	56.9	71.4	69.5	58.4	54.0	55.8	56.8
Argentina	9.5	11.0	11.5	5.3	14.2	10.3	11.6	10.9	10.6
EEC <sup>3</sup>	0.5	3.5	5.3	5.0	5.6	4.0	4.3	4.2	3.1
Australia	3.3	1.9	2.6	4.1	2.3	3.1	1.0	5.5	7.2
South Africa	1.4	2.9	2.9	3.5	4.1	4.7	2.3	0.1	0.7
Thailand	2.3	1.3	2.3	2.2	2.4	3.5	2.3	3.3	2.2
U.S.S.R.	2.0	1.0	1.0	—	—	—	—	—	—
Others	8.5	5.8	3.7	2.7	6.0	5.1	8.1	5.6	12.7
<b>WORLD TOTAL</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>96.6</b>	<b>89.8</b>	<b>91.9</b>	<b>104.0</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Excluding intra-trade between member countries 1979-80 to 1984-85.

\* July-June trade year through 1978-1979. From 1979-80 the trade year is October-September for all countries except Ca  
Source: Canada — Canadian Grain Commission "Canadian Grain Exports" for 1984-85.

All previous years — Statistics Canada "Grain Trade of Canada", August-July crop year.

United States and other countries — USDA "Foreign Agriculture Circular", December 1985, F.G. 15, page 18.

**TABLE XXI**  
**WORLD IMPORTS OF COARSE GRAINS<sup>1</sup>\***  
**CROP YEARS 1976-77 to 1984-85**

Countries	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85 <sup>2</sup>
	(million of tonnes)								
EEC <sup>3</sup>	26.7	16.0	16.0	13.3	11.1	8.3	5.7	5.8	4.1
Other Western Europe	7.8	9.3	7.7	9.4	10.3	12.7	10.0	8.1	6.7
Eastern Europe	8.8	8.3	10.6	11.5	10.2	6.1	4.9	4.2	3.4
U.S.S.R.	5.7	11.7	9.9	13.8	23.5	20.4	11.0	11.9	27.3
Japan	15.9	17.0	17.9	18.3	18.6	17.9	18.7	20.7	20.7
Others	17.6	21.2	28.1	32.5	35.1	31.2	39.6	41.2	38.6
<b>WORLD TOTAL</b>	<b>82.5</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>96.6</b>	<b>89.9</b>	<b>91.9</b>	<b>101.2</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Ten member countries.

\* July-June trade year through 1978-79. From 1979-80 the trade year is October-September.

Source: USDA "Foreign Agriculture Circular", December 1985, F.G. 15, page 18.



1935-1985

TABLE XXII

EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL EXPORTERS  
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL  
JULY-JUNE CROP YEARS<sup>1</sup> 1965-66 to 1984-85

Crop Year	Argentina 000 tonnes	Australia 000 tonnes	Canada 000 tonnes	United States 000 tonnes	EEC 000 tonnes	Others 000 tonnes	Total 000 tonnes
1965-66	7 948 (12.6%)	5 681	15 897 (25.2%)	23 405 (37.2%)	5 465 ( 8.7%)	4 621	63 017 (100.0%)
1966-67	3 059 ( 5.6%)	6 984 (12.7%)	14 005 (25.4%)	20 194 (36.6%)	4 177 ( 7.6%)	6 671	55 090 (100.0%)
1967-68	1 370 ( 2.6%)	7 011 (13.6%)	9 127 (17.7%)	20 494	4 350 ( 8.4%)	9 305 (18.0%)	51 657 (100.0%)
1968-69	2 785 ( 6.1%)	5 369 (11.8%)	8 305 (18.2%)	15 023 (32.9%)	5 020 (11.0%)	9 097 (20.0%)	45 599 (100.0%)
1969-70	2 108 ( 4.1%)	7 250 (14.1%)	9 380 (18.3%)	16 792 (32.7%)	7 167 (13.9%)	8 695 (16.9%)	51 392 (100.0%)
1970-71	1 704	9 492 (17.3%)	11 819 (21.5%)	20 140 (36.7%)	3 105 ( 5.7%)	8 591 (15.7%)	54 851 (100.0%)
1971-72	1 328 ( 2.5%)	8 736 (16.6%)	13 684 (26.1%)	16 901 (32.2%)	4 656 ( 8.9%)	7 191 (13.7%)	52 496 (100.0%)
1972-73	3 510 ( 5.2%)	5 562 ( 8.2%)	15 681 (23.0%)	31 734 (46.6%)	6 525 ( 9.6%)	5 041	68 053 (100.0%)
1973-74	1 106 ( 1.8%)	5 509 ( 8.7%)	11 436 (18.1%)	31 273 (49.7%)	5 467 ( 8.7%)	8 184 (13.0%)	62 975 (100.0%)
1974-75	2 178 ( 3.5%)	8 049 (12.8%)	10 776 (17.1%)	28 304 (45.0%)	7 122 (11.3%)	6 516 (10.3%)	62 945 (100.0%)
1975-76	3 111 ( 4.6%)	8 072 (12.1%)	12 334 (18.4%)	31 669 (47.4%)	7 729 (11.6%)	3 953 ( 5.9%)	66 868 (100.0%)
1976-77	5 584 ( 9.0%)	8 357 (13.5%)	13 434 (21.6%)	26 080 (42.1%)	3 912 ( 6.3%)	4 643 ( 7.5%)	62 010 (100.0%)
1977-78	2 670 ( 3.7%)	11 144 (15.3%)	16 030 (22.1%)	31 538 (43.5%)	4 479 ( 6.2%)	6 677 ( 9.2%)	72 538 (100.0%)
1978-79	3 307 ( 4.6%)	7 246 (10.2%)	13 081 (18.4%)	32 311 (45.4%)	7 349 (10.3%)	7 906	71 200 (100.0%)
1979-80	4 748 ( 5.4%)	15 364 (17.6%)	15 886 (18.1%)	37 198 (42.5%)	10 271 (11.7%)	4 063	87 530 (100.0%)
1980-81	3 932 ( 4.2%)	11 088 (11.9%)	16 260 (17.5%)	41 936 (45.0%)	12 684 (13.6%)	7 254 ( 7.8%)	93 154 (100.0%)
1981-82	4 281 ( 4.2%)	11 405 (11.3%)	18 445 (18.3%)	48 776 (48.4%)	13 990 (13.9%)	3 984 (3.9%)	100 881 (100.0%)
1982-83	7 471 (7.7%)	8 530 (8.8%)	21 367 (22.0%)	39 939 (41.2%)	14 084 (14.5%)	5 630 (5.8%)	97 021 (100.0%)
1983-84	9 637 (9.5%)	11 554 (11.4%)	21 764	38 860 (38.3%)	15 040 (14.8%)	4 642 (4.6%)	101 497 (100.0%)
1984-85 <sup>2</sup>	7 921 (7.8%)	15 093 (14.8%)	17 540 (17.2%)	38 092 (37.4%)	16 925 (16.6%)	6 347 (6.2%)	101 918 (100.0%)

<sup>1</sup> Canada August-July.

<sup>2</sup> Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include barley seed exports.

USDA "Wheat Situation" 1965-66 to 1974-75, "Foreign Agriculture Circular" 1975-76 to 1984-85.

All Others — IWC "World Wheat Statistics" 1985 and "Review of World Wheat Situation" 1984-85.



TABLE XXIII

IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL COUNTRIES  
JULY-JUNE CROP YEARS 1965-66 to 1984-85

Crop Year	Algeria 000 tonnes	Arab Republic of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes	Italy 000 tonnes
1965-66	430	1 929	—	2 321	6 325	1 046
1966-67	790	2 498	—	2 637	5 124	1 031
1967-68	664	2 782	—	2 485	4 156	941
1968-69	700	1 945	N/A	2 425	20	1 574
1969-70	259	2 220	N/A	2 081	5 040	1 290
1970-71	646	2 835	N/A	1 855	3 660	1 440
1971-72	885	2 591	690	1 475	2 967	1 379
1972-73	645	3 040	2 176	2 950	5 289	1 211
1973-74	1 600	3 180	1 750	2 440	5 831	3 088
1974-75	1 762	3 489	2 057	1 663	5 675	1 636
1975-76	1 593	3 588	1 050	3 755	2 287	1 910
1976-77	1 338	3 956	765	3 504	3 156	2 428
1977-78	1 705	4 637	1 183	3 382	8 635	4 185
1978-79	1 006	5 541	1 221	3 739	1 969	1 242
1979-80	1 986	5 156	2 171	4 868	8 680	1 294
1980-81	1 824	6 755	659	3 855	13 775	1 914
1981-82	2 294	6 012	1 165	4 589	13 223	1 552
1982-83	2 064	6 188	1 564	3 879	12 963	1 190
1983-84	2 365	7 331	1 632	4 320	9 786	1 370
1984-85 <sup>1</sup>	2 011	6 701	2 189	4 934	7 437	532
Crop Year	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes	U.S.S.R. 000 tonnes
1965-66	3 553	740	1 636	600	4 664	9 187
1966-67	4 260	611	1 755	654	4 176	4 683
1967-68	4 028	942	1 332	758	4 077	1 534
1968-69	4 183	1 279	1 154	4 183	4 576	147
1969-70	4 425	1 618	1 195	1 673	4 781	1 105
1970-71	4 834	1 310	1 972	1 752	5 359	315
1971-72	4 965	1 482	1 553	1 784	3 829	3 409
1972-73	5 486	2 049	1 000	1 736	4 535	15 000
1973-74	5 353	1 526	1 758	1 627	3 114	4 389
1974-75	5 404	1 684	1 234	1 703	2 935	2 934
1975-76	5 923	2 152	2 061	1 493	4 264	10 096
1976-77	5 522	1 401	2 885	1 832	3 422	4 559
1977-78	5 690	1 499	2 470	1 786	3 841	6 340
1978-79	5 584	1 218	2 323	1 702	1 491	5 024
1979-80	5 571	1 001	3 827	1 813	1 695	11 686
1980-81	5 930	1 055	3 877	2 072	1 380	14 911
1981-82	5 637	1 025	3 818	1 907	1 544	19 645
1982-83	5 597	579	2 899	1 804	1 119	20 140
1983-84	5 901	663	2 025	2 510	1 016	20 560
1984-85 <sup>1</sup>	5 779	534	2 013	3 043	702	28 298

<sup>1</sup> Subject to revision.

Source: IWC "World Wheat Statistics" 1985 and "Review of the World Wheat Situation" 1984-85.



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TABLE XXIV

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN RED SPRING WHEAT<sup>1</sup>

BASIS IN STORE THUNDER BAY OR VANCOUVER

POOL ACCOUNT YEARS 1962-63 to 1985-86

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1962-63	55.12	—	—	13.74	68.86
1963-64	55.12	—	—	17.42	72.54
1964-65	55.12	—	—	14.22	69.34
1965-66	55.12	—	—	18.26	73.38
1966-67	55.12	—	—	17.89	73.01
1967-68	62.46	—	—	4.19	66.65
1968-69	62.46	—	—	—	62.46
1969-70	55.12	—	2.68 <sup>3</sup>	3.93 <sup>4</sup>	61.73
1970-71	55.12	—	—	6.28	61.40
1971-72	53.65	—	—	4.99	58.64
1972-73	53.65	11.02	—	14.47	79.14
1973-74	82.67	55.12	—	30.42	168.21
1974-75	82.67	55.12	—	26.60	164.39
1975-76	82.67	55.12	—	8.49	146.28
1976-77	110.23	—	—	6.92	117.15
1977-78	110.23	—	—	10.07	120.30
1978-79	110.23	18.37	—	31.93	160.53
1979-80	128.60	27.56	—	40.27	196.43
1980-81 <sup>5</sup>	156.16	40.34	—	25.62	222.12
1981-82	174.50	—	—	25.12	199.62
1982-83	174.50	—	—	17.84	192.34
1983-84	170.00	—	—	23.98	193.98
1984-85	170.00	—	—	16.37	186.37
1985-86	160.00	—	—	—	—

<sup>1</sup> Base grade prior to 1971-72 was No. 1 Northern Wheat.

<sup>2</sup> Final payment and final realized price after deduction of Board operating costs, but prior to deduction of P.F.A.A. Levy for years 1962-63 through 1969-70.

<sup>3</sup> Payment from Pool Account prior to payment from Temporary Wheat Reserves Act.

<sup>4</sup> Payment from Temporary Wheat Reserves Act.

<sup>5</sup> Crop years 1980-81 forward do not quote 1 CWRS 13% protein payment.



**TABLE XXV**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADIAN HARD RED WHEAT  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1978-79 to 1985-86**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Total Realized Price <sup>1</sup> \$ per tonne
1978-79	110.23	18.37	20.33	148.93
1979-80	128.60	36.75	39.50	204.85
1980-81	183.72	55.28	0.58	239.58
1981-82	174.50	—	25.84	200.34
1982-83	174.50	—	12.95	187.45
1983-84	165.00	15.00	24.04	204.04
1984-85	180.00	—	24.85	204.85
1985-86	160.00	—	—	—

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

**TABLE XXVI**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADIAN HARD RED WHEAT  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1971-72 to 1985-86**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1971-72	35.66	—	5.40	41.06
1972-73	35.66	6.48	26.46	68.60
1973-74	68.08	—	43.41	111.49
1974-75	68.08	6.48	32.76	107.32
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	—	9.58	84.15
1977-78	74.57	—	—	74.57
1978-79	74.00	—	11.41	85.41
1979-80	68.08	—	—	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00	—	—	110.00
1982-83	90.00	—	9.53	99.53
1983-84	75.00	25.00	6.61	106.61
1984-85	100.00	—	12.31	112.31
1985-86	100.00	—	—	—

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.





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TABLE XXVII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN DESIGNATED WHEAT  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1981-82 to 1985-86

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1981-82	140.00	—	30.39	170.39
1982-83	140.00	—	10.30	150.30
1983-84	125.00	15.00	16.83	156.83
1984-85	140.00	—	20.75	160.75
1985-86	130.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

TABLE XXVIII

SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED QUALITY  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1971-72 to 1985-86

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1971-72	37.20	—	—	37.20
1972-73	39.50	4.13	23.63	67.26
1973-74	64.30	34.45	20.31	119.06
1974-75	71.19	27.56	8.30	107.05
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	—	11.12	91.50
1977-78	80.38	—	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	—	7.07	131.07
1982-83	110.00	—	—	110.00
1983-84	95.00	15.00	28.02	138.02
1984-85	110.00	15.00	6.30	131.30
1985-86	110.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



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**TABLE XXIX**

**DESIGNATED BARLEY SCHEDULE OF PAYMENT FOR NO. 2 CANADA WESTERN BARLEY  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1975-76 to 1985-86**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1975-76	75.78	13.78	71.42	146.14
1976-77	105.64	—	42.95	148.59
1977-78	98.75	—	8.43	157.18
1978-79	98.75	—	20.76	178.93
1979-80	98.75	34.45	34.54	161.72
1980-81	133.20	34.80	39.30	207.53
1981-82	158.00	—	27.79	185.79
1982-83	158.00	—	5.38	163.37
1983-84	140.00	—	28.09	168.09
1984-85	140.00	15.00	33.94	164.94
1985-86	155.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



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TABLE XXX

EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES  
JULY-JUNE CROP YEARS 1974-75 to 1984-85

Crop Years	C A N A D A <sup>1</sup>			UNITED STATES	
	St. Lawrence 1 CWRS 13.5%	1 CWRS 13.5%	Pacific Coast 1 CWRS 13.5%	Pacific Coast DNS 14%	Gulf Coast HWO
	Cdn. \$ per tonne	Cdn. \$ per tonne	U.S. \$ per tonne	U.S. \$ per tonne	U.S. \$ per tonne
1974-75	205.00	205.00	206.00	199.00	164.00
1975-76	184.00	193.00	192.00	185.00	152.00
1976-77	140.00	143.00	142.00	136.00	113.00
1977-78	147.00	151.00	137.00	129.00	116.00
1978-79	185.00	191.00	164.00	151.00	141.00
1979-80	231.00	236.00	202.00	186.00	174.00
1980-81	264.00	272.00	230.00	210.00	182.00
1981-82	238.00	244.00	201.00	184.00	171.00
1982-83	229.00	235.00	190.00	174.00	160.00
1983-84	238.00	242.00	193.00	178.00	154.00
1984-85					
July	237.00	254.00	192.00	178.00	149.00
August	229.00	250.00	192.00	173.00	155.00
September	232.00	251.00	191.00	172.00	157.00
October	234.00	251.00	191.00	172.00	155.00
November	230.00	249.00	190.00	170.00	153.00
December	234.00	247.00	187.00	168.00	150.00
January	242.00	248.00	187.00	169.00	149.00
February	247.00	250.00	186.00	168.00	149.00
March	249.00	256.00	185.00	167.00	146.00
April	239.00	256.00	187.00	170.00	146.00
May	238.00	256.00	186.00	170.00	138.00
June	238.00	251.00	184.00	169.00	134.00
Crop Years	AUSTRALIA	ARGENTINA	EEC Standard Wheat Specified Zones		
	ASW U.S. \$ per tonne	Trigo Pan U.S. \$ per tonne	U.S. \$ per tonne		
1974-75	167.00	163.00	168.00		
1975-76	147.00	144.00	139.00		
1976-77	113.00	107.00	—		
1977-78	119.00	116.00	97.00		
1978-79	142.00	132.00	133.00		
1979-80	169.00	192.00	171.00		
1980-81	181.00	204.00	170.00		
1981-82	165.00	179.00	150.00		
1982-83	164.00	148.00	132.00		
1983-84	154.00	137.00	146.00		
1984-85					
July	145.00	141.00	136.00		
August	151.00	144.00	137.00		
September	157.00	144.00	140.00		
October	157.00	144.00	—		
November	156.00	134.00	138.00		
December	153.00	119.00	135.00		
January	153.00	112.00	127.00		
February	152.00	112.00	123.00		
March	149.00	113.00	123.00		
April	148.00	114.00	131.00		
May	144.00	114.00	129.00		
June	139.00	113.00	123.00		

<sup>1</sup> Canadian Wheat Board official "in store" prices converted to f.o.b. at current fobbing rates — Australian Wheat Board selling (f.o.b.) Australian Standard Wheat.

Source: IWC "World Wheat Statistics" and Canadian Wheat Board for 1984-85 Canadian prices.

— Not quoted.



1935-1985

TABLE XXXI

SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMIT  
ISSUED TO PRODUCERS  
CROP YEARS 1959-60 to 1984-85

Crop Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
1959-60	41,960	105,621	77,713	225,294
1960-61	42,124	104,384	77,917	224,425
1961-62	41,888	103,795	77,991	223,674
1962-63	41,352	102,420	77,366	221,138
1963-64	39,471	100,202	75,206	214,879
1964-65	39,027	98,028	73,888	210,943
1965-66	38,013	95,541	71,632	205,186
1966-67	36,258	92,302	69,494	198,054
1967-68	35,107	89,761	67,189	192,057
1968-69	35,332	88,304	66,970	190,606
1969-70	35,203	88,378	66,423	190,004
1970-71	33,602	85,453	63,654	182,709
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017
1982-83	25,741	71,404	48,588	145,733
1983-84	25,586	71,505	48,378	145,469
1984-85	25,180	70,778	47,605	143,563



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# **THE CANADIAN WHEAT BOARD**

**ANNUAL REPORT  
1985-86**



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Copies of this Annual Report are available in French upon request.

## MEMBERS OF THE BOARD

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F. M. Hetland .....	Commissioner
W. H. Smith .....	Commissioner

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David Olfert .....	Treasurer
G. P. Machej .....	Executive Director — Marketing
B. Oleson .....	Executive Director — Planning
J. W. Snell .....	Corporate Secretary

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Vancouver, British Columbia .....	G. N. Hedalen, Manager
Montreal, Quebec .....	G. M. Champagne, Manager

## Overseas Offices

Tokyo, Japan .....	T. Ono, Manager
--------------------	-----------------





Honourable Charles Mayer      Winnipeg, Manitoba  
Minister of State for the      March 31, 1987.  
Canadian Wheat Board  
Ottawa, Ontario

Sir:

We are pleased to submit the Annual Report of the Canadian Wheat Board for the crop year ending July 31, 1986, as required by the Canadian Wheat Board Act.

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# PART I THE INTERNATIONAL GRAIN MARKET



## INTRODUCTION

For grain producers in Western Canada, 1985-86 was a difficult year. While farmers in eastern Saskatchewan and Manitoba generally enjoyed abundant and timely rainfalls, and hence high yields, those in western Saskatchewan, Alberta and the Peace River experienced drought and grasshoppers. This was followed by a generally wet harvest period on the Prairies which resulted in a lower-than-normal proportion of high-grade wheat. While 1985 Canadian wheat production was 14 per cent higher than the drought-reduced level of 1984, it was significantly below that of 1982 and 1983. Meanwhile, price-depressing stocks of wheat and coarse grains continued to build on the world market. In 1985-86, the world produced another large wheat crop and a record coarse grains crop. World output of the other major cereal, rice, was also at a record level, resulting in a record world cereals outturn of over 1.8 billion tonnes. Although world grain prices were significantly lower than in 1984-85, trade volume did not increase. In fact, quite the opposite was true. Due to larger crops in some of the major grain-importing countries, world trade in wheat and coarse grains was down 18 per cent from 1984-85.

## WHEAT

### Production

World wheat production in 1985 was 504 million tonnes, down 2.5 per cent or 13 million tonnes from 1984. This was the first decline in six years. As a result of less-than-ideal growing and harvesting conditions, wheat output was down by over 16 million tonnes in Europe (East and West). However, generally favorable growing conditions in the U.S.S.R. resulted in its 1985 production being almost 10 million tonnes above the previous year. Due largely to a nine per cent decrease in winter wheat area (particularly Soft Red Winter), U.S. wheat production in 1985 was down by almost five million tonnes (or seven per cent) from 1984. But higher output in both Canada and Mexico all but made up for the U.S. production decline. Due to less-than-ideal growing conditions and reduced seeded area, Australian wheat production was significantly below that of the previous year. Meanwhile, Argentine wheat production was also down by close to five million tonnes due to less than ideal growing and harvesting conditions. Brazil's wheat outturn, on the other hand, was up by over 100 per cent from the previous year.

Generally favorable growing conditions in North Africa and the Mediterranean area resulted in over an one-million-tonne increase in wheat output in the region.

**TABLE 1  
WORLD WHEAT PRODUCTION**

	1984 (Thousands of Tonnes)	1985 <sup>1</sup>
EUROPE	129 056	113 174
EEC <sup>2</sup>	75 961	65 838
Others	53 095	47 336
U.S.S.R.	68 600	78 100
NORTH AND CENTRAL AMERICA	96 312	94 853
U.S.A.	70 618	66 001
Canada	21 199	24 252
Others	4 495	4 600
SOUTH AMERICA	17 417	14 632
Argentina	13 600	8 500
Brazil	1 965	4 329
Others	1 852	1 803
ASIA	150 632	148 121
China	87 820	85 500
India	45 476	44 229
Others	17 336	18 392
MIDDLE EAST	26 143	27 812
Iran	6 000	6 500
Syria	1 068	1 700
Turkey	17 235	17 032
Others	1 840	2 580
AFRICA	9 359	10 554
Algeria	1 200	1 647
Egypt	1 815	1 873
Morocco	1 989	2 359
South Africa	2 332	1 790
Others	2 023	2 885
OCEANIA	18 914	16 453
Australia	18 630	16 050
Others	284	403
Others Unspecified	267	—
WORLD TOTAL	516 700	503 699

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

Source: For Canada — Statistics Canada

United States

— USDA Crop Production, November 1986

For all other countries

— IWC World Wheat Statistics 1986



Wheat output in Asia in 1985 was similar to 1984. Production declined in the the People's Republic of China and India but increased in Pakistan, Bangladesh, Iran and Turkey. China continued to be the world's largest wheat producer.

### Trade

At 83.9 million tonnes, world trade in wheat and flour (including durum) was down almost 20 per cent from the all-time record of 104.1 million tonnes reached in 1984-85. The most significant feature of the 1985-86 crop year was the dramatic drop in Soviet wheat imports from the previous year as a result of a return to a more normal crop outturn. This 42-per cent decline (down 11.8 million tonnes) in U.S.S.R. wheat imports accounted for over one half of the 20.2-million-tonne decline in world wheat trade. Wheat imports by a number of other countries were also significantly lower in 1985-86. Brazil, Morocco, Iran, Iraq, Nigeria, Bangladesh, China, Syria, Poland, and Mexico reduced their wheat imports either because of increased domestic output or because of a shortage of foreign exchange. Brazil is an example of the former while previously oil-rich Nigeria is an example of the latter.

Unlike all other regions, Western European wheat imports in 1985-86 were higher than in 1984-85. An abnormally wet harvest in the EEC resulted in a strong demand for high-quality North American wheats.

Except for Australia, wheat exports by each of the five major exporters (normally accounting for over 80 per cent of world exports) were all somewhat lower due to the overall decline in world wheat trade in 1985-86. The U.S., however, bore the brunt of the decline; its wheat exports were down by 13.1 million tonnes or 34 per cent from the previous year. In spite of its long-term agreement with the U.S., the Soviets effectively refused to purchase in the U.S. wheat market as a result of being excluded from the Export Enhancement Program (EEP). At the same time the People's Republic of China also reduced its wheat purchases from the U.S.

One of the important features of the 1985-86 world market was the growing use and trade of wheat as a feed grain. Major feed wheat exporters included Canada, Australia and the EEC. Major importers included South Korea, Mexico and the U.S.S.R. From less than one million tonnes in 1984-85, world trade in feed wheat increased to almost two million tonnes in 1985-86. This increase is indicative of the generally low levels of world wheat prices.

**TABLE 2**  
**EXPORTS OF WHEAT AND WHEAT FLOUR**  
**By Principal Exporter (July-June Crop Year)**

	1984-85	1985-86 <sup>1</sup>
	(Thousands of Tonnes)	
Argentina	7 966	6 200
Australia	15 090	16 100
Canada	17 541	17 683
United States	38 092	25 000
EEC	17 234 <sup>2</sup>	14 300 <sup>3</sup>
Others	8 196	4 617
<b>WORLD TOTAL</b>	<b>104 119</b>	<b>83 900</b>

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Ten Member States

<sup>3</sup> Twelve Member States

Source: Statistics Canada and Canadian Grain Commission  
(Aug.-July Crop Year)

USDA Foreign Agriculture Circular, December 1986

All others — IWC World Wheat Statistics for 1984-1985

For 1985-86 IWC Market Report, February 1987

Although Australia's wheat production in 1985 was significantly lower than in 1984, larger than normal carryin put Australia in a position to achieve record exports. Canadian wheat carryover from the 1984-85 crop year, on the other hand, was at a post World War II low, hence Canadian wheat exports were restricted largely by a shortage of exportable supplies as a result of a poor crop, particularly supplies of the higher grades. Like Canada, Argentine wheat exports were also restricted by available supplies, due to its disappointing harvest in 1985 compared to the near record output in 1984. EEC-12 wheat exports in 1985-86 were also significantly lower than the previous year. A number of factors were responsible: a very competitive export market as the U.S.A. and the EEC attempted to increase/regain their export market shares through the use of subsidies; a large and growing inventory of low-quality wheat in the EEC from an all-time record crop in 1984 and a good crop in 1985; severe budgetary problems in the European Commission itself as a result of the above factors. Saudi Arabia, for the first time, became a commercial exporter of wheat in 1985-86. India was again an exporter in 1985-86.

### Carryover Stocks

World carryover stocks of wheat at the end of the 1985-86 crop year were up by about 14.6 million tonnes, the fifth consecutive year of stocks buildup. Due to short crops and very aggressive marketing by Argentina, Australia and Canada (all countries with only limited producer price support and storage programs), the buildup in wheat carryover stocks was



largely confined to the EEC-12 and the U.S., particularly the latter. Wheat stocks at crop year end were up by 14.6 million tonnes (or 11 per cent).

**TABLE 3**  
**WORLD WHEAT**  
**CARRYOVER STOCKS**

	1984 (Thousands of Tonnes)	1985 <sup>1</sup>
<b>EUROPE</b>	24 072	32 218
EEC	8 580	15 925
Others	15 492	16 293
<b>NORTH &amp; CENTRAL AMERICA</b>	47 651	46 983
U.S.A.	38 075	38 782
Canada	9 190	7 461
Others	386	740
<b>SOUTH AMERICA</b>	4 166	3 245
Brazil	2 382	2 322
Argentina	1 099	468
Others	685	455
<b>ASIA</b>	38 167	46 354
China	20 100	26 400
India	11 919	14 881
Others	6 248	5 073
<b>MIDDLE EAST</b>	7 512	6 797
Iran	3 975	3 000
Iraq	1 623	1 410
Turkey	204	250
Others	1 710	2 137
<b>AFRICA</b>	3 177	2 701
Algeria	360	300
Egypt	1 224	710
Morocco	400	480
South Africa	667	720
Others	527	491
<b>OCEANIA</b>	7 558	8 592
Australia	<u>7 558</u>	<u>8 592</u>
<b>WORLD TOTAL</b>	132 303	146 890

<sup>1</sup> Preliminary: Subject to Revision

Source: IWC World Wheat Statistics 1986

Much of the U.S. wheat carryover was isolated from the market and held under government programs (i.e. CCC Stocks; Farmer Owned Reserve; 9-Month Loan Program).

### Price

The international wheat price continued its fall in 1985-86. The 1985-86 crop year will be remembered as the year that the U.S.A. and EEC entered into an all out trade war in grains. The U.S., through its Bonus Incentive Commodity Export Program (BICEP), later called the Export Enhancement Program (EEP), and

the EEC through its export restitutions attempted to regain/maintain market share at the expense of each other and at times even Canada, Australia and Argentina. The main beneficiaries were buyers. From the already depressed levels of the 1984-85 crop year, average U.S. f.o.b. prices at the Gulf for Hard Winter Ordinary wheat dropped another 13 per cent during 1985-86. When EEP bonus payments to U.S. exporters are factored in, the effective price decline from 1984-85 was closer to 45 per cent. In anticipation of the dropping of the U.S. wheat loan rate from U.S.\$3.30 per bushel to \$2.40 per bushel under the U.S. Food Security Act of 1985, would-be buyers of U.S. wheat began delaying their purchases until the beginning of the new crop year, June 1st, 1986. This action alone put significant downward pressure on U.S. and hence world wheat market prices. Meanwhile, EEC wheat export rebates increased from U.S.\$12/tonne on July 4, 1985, to U.S.\$96/tonne on May 16, 1986.

### DURUM

#### Production

World production of durum in 1985 was 24.6 million tonnes, up one million tonnes from 1984. Excellent growing and harvesting conditions in the North African countries of Algeria, Morocco and Tunisia, plus record yields in the U.S., were the major contributing factors to this increase in world durum output in 1985. At just under two million tonnes, Canadian durum production was down for the third consecutive year. A summer drought in much of the Prairie durum area followed by a wet harvest resulted in reduced export availabilities and a larger-than-normal quantity of lower grades.

#### Trade

World trade in durum in 1985-86 at 3.475 million tonnes was slightly above that of 1984-85. Although import demand sagged somewhat in the EEC, Venezuela and Tunisia, Algeria took advantage of the declining prices and purchased near-record quantities from North America. Due to lack of export availabilities of durum, particularly the higher grades, Canadian durum exports of 1.385 million tonnes were the lowest since 1978-79. EEC-12 exports, at .5 million tonnes, were significantly above the previous year. Large quantities of EEC durum were exported to the U.S.S.R. as bulk grain and to Algeria as semolina.





**TABLE 4**  
**WORLD DURUM PRODUCTION**

	1984 (Thousands of Tonnes)	1985 <sup>1</sup> (Thousands of Tonnes)
<b>WESTERN EUROPE</b>	6 670	5 740
Austria	48	51
EEC <sup>2</sup>	6 058	5 261
France	568	643
Greece	846	646
Italy	4 595	3 851
Portugal	38	29
Spain	503	376
<b>NORTH AMERICA</b>	5 000	5 170
Canada	2 085	1 957
U.S.A.	2 815	3 062
<b>SOUTH AMERICA</b>	180	130
Argentina	79	29
<b>MIDDLE EAST</b>	6 340	6 740
Syria	430	680
Turkey	5 500	5 500
<b>NORTH AFRICA</b>	2 540	3 810
Algeria	490	1 071
Morocco	70	100
Tunisia	584	1 069
<b>Others<sup>3</sup></b>	<u>3 040</u>	<u>3 040</u>
<b>WORLD TOTAL</b>	23 800	24 600

<sup>1</sup> Preliminary: Subject to Revision  
<sup>2</sup> Ten Member States  
<sup>3</sup> Includes Estimates for the U.S.S.R. & Other Centrally Planned Countries  
Source: IWC World Wheat Statistics

**TABLE 5**  
**EXPORTS OF DURUM BY PRINCIPAL EXPORTERS**

	1984-85 (Thousands of Tonnes)	1985-86 <sup>1&amp;3</sup> (Thousands of Tonnes)
Canada <sup>2</sup>	1 826	1 385
EEC	101	490
U.S.A.	1 378	1 377
Others	<u>150</u>	<u>223</u>
<b>WORLD TOTAL</b>	3 455	3 475

<sup>1</sup> Preliminary: Subject to Revision  
<sup>2</sup> August-July Crop Year  
<sup>3</sup> July-June Crop Year  
Source: Canada — Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports"  
All Others — IWC World Wheat Situation 1984-85  
For 1985-86 — IWC Market Report February 1987

**Carryover**

At the end of 1985-86, durum carryover stocks in the major exporting countries were up by some

300 000 tonnes. This was despite the fact that durum production declined in the EEC and Canada, two of the world's major durum exporters. Durum carryover stocks declined by 20 per cent in the EEC, increased by 11 per cent in Canada and by 25 per cent in the U.S. Combined durum carryover stocks in the EEC, Canada and the U.S. at the end of 1985-86 were just over five million tonnes. This compares to almost 4.8 million tonnes carryover in 1984-85.

**TABLE 6**  
**WORLD DURUM CARRYOVER STOCKS IN THE MAJOR EXPORTING COUNTRIES**

	1984-85 (Thousands of Tonnes)	1985-86 (Thousands of Tonnes)
Canada (August/July)	764	524
EEC-12 (July/June)	1 500	1 200
U.S.A. (June/May)	<u>2 722</u>	<u>3 393</u>
<b>WORLD TOTAL</b>	4 746	5 080

Source: IWC Market Report, February 4, 1987 for world total EEC & U.S.A.  
Statistics Canada for Canadian figures.

**Price**

Due to the relative shortage of high-quality durum supplies from Canada, world prices for durum were at a premium to milling wheat prices for most of 1985-86. After June 1986, however, world durum prices began to soften with the prospect of favorable 1986 Canadian and U.S. crops. Over the 1985-86 Canadian crop year, durum prices averaged about eight per cent to 10 per cent higher than milling wheat prices. This occurred in spite of the fact that throughout the year the U.S. was threatening to offer EEP durum and semolina to specific markets. (In April 1986, Tunisia purchased 50 000 tonnes of EEP durum with a bonus of U.S.\$26.91 being paid to the successful exporting firm.)

**COARSE GRAINS**

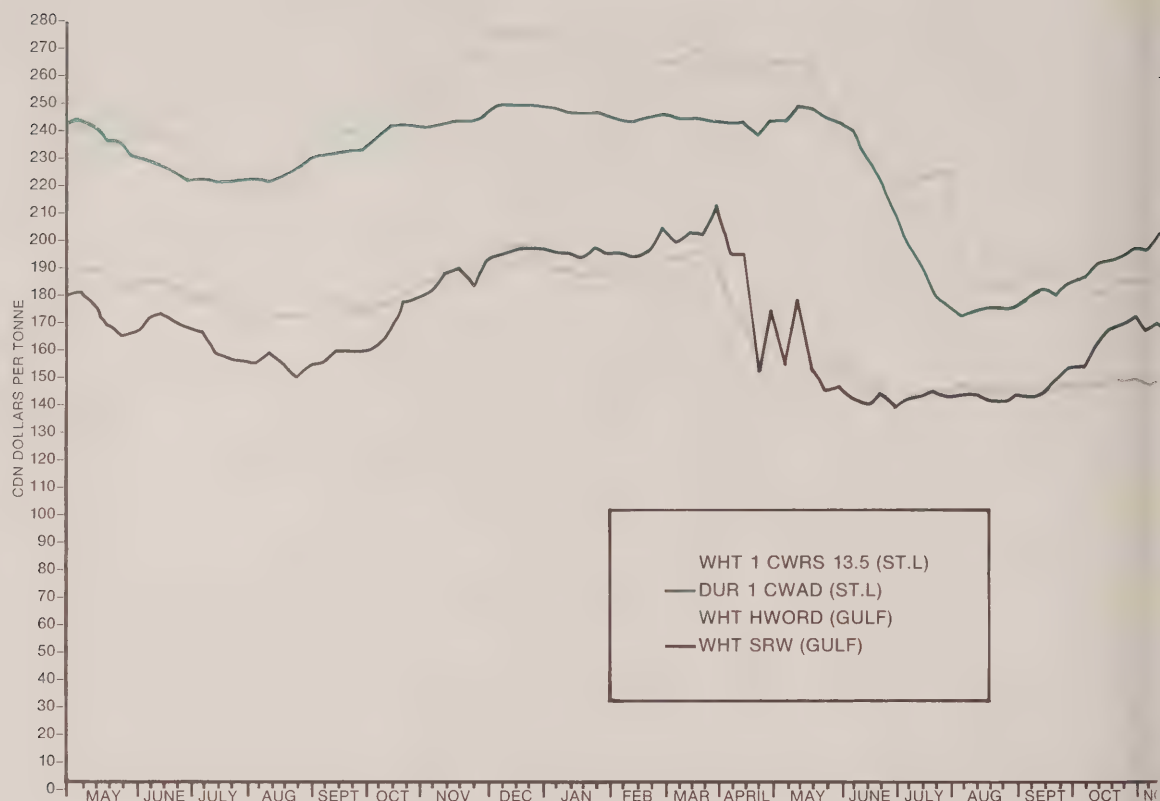
**Production**

World coarse grains production was up again in 1985 reaching an all-time record of 845.9 million tonnes. Coarse grains production was up significantly in the U.S.A., U.S.S.R., Canada, Mexico, Nigeria, Romania and Thailand. A 23-million-tonne increase in world corn output, from 462 million tonnes to 485 million tonnes, was largely responsible for the dramatic increase in world coarse grains production. A huge U.S. corn crop of 225.5 million tonnes was up 16 per cent over the large crop of 1984. Favorable growing conditions combined with an increase in the seeded area resulted in an all-time record U.S. corn





**GRAPH 1**  
**WEEKLY F.O.B. COMPARATIVE PRICE ANALYSIS**



crop. World barley production, at 178.5 million tonnes, was up 3.6 million over 1984 primarily due to increased production in Eastern Europe, the U.S.S.R., North Africa and Canada. Barley production declines were registered in Western Europe, Australia and parts of Asia. World production of sorghum and oats was also higher in 1985 by 6.9 million tonnes and 4.8 million tonnes respectively. World rye production on the other hand declined by 2.3 million tonnes due to reduced output in Eastern Europe and North America.

### Trade

At 86.3 million tonnes, world trade in coarse grains was down almost 15 per cent (15.6 million tonnes) from the near record level in 1984-85. Although coarse grain imports were up somewhat in Eastern Europe, Brazil, Japan, Saudi Arabia and South Korea, imports by the U.S.S.R., Mexico, South Africa and Western

Europe were in total down by 20 million tonnes. Indicative of this decline was the 35 per cent (20 million tonnes) drop in U.S. coarse grain exports. The U.S. share of the world coarse grains market declined from 56 per cent in 1984-85 to 42 per cent in 1985-86. U.S. corn exports, which were down by 32 per cent from 1984-85, bore most of the brunt of this overall decline in world coarse grain trade in 1985-86. Overall world trade in corn was down by 19 per cent, barley by two per cent and sorghum by 28 per cent. Trade in the minor coarse grains, rye, millet, and miscellaneous grains was down by five per cent from the previous year.

Apart from the U.S., the other major coarse grains exporters generally maintained their positions in the world market. China continued to be a significant factor as a corn exporter and South Africa re-emerged as a corn exporter after a series of droughts which



**TABLE 7**  
**WORLD PRODUCTION**  
**OF COARSE GRAINS**

	1984 (Millions of Tonnes)	1985 <sup>1</sup> (Millions of Tonnes)
<b>WESTERN EUROPE</b>	104.5	102.0
EEC <sup>2</sup>	90.3	88.7
Denmark	6.8	6.0
France	25.1	26.4
Germany, Fed. Rep. of	16.2	15.7
Italy	8.9	8.4
Spain	14.5	15.1
United Kingdom	11.7	10.4
Others EEC	7.1	6.7
Sweden	5.1	4.3
Others	9.1	9.0
<b>EASTERN EUROPE</b>	72.3	70.2
Hungary	8.3	8.2
Poland	18.3	17.2
Romania	15.8	17.2
Yugoslavia	12.4	10.9
Others	17.5	16.7
<b>U.S.S.R.</b>	90.5	100.0
<b>NORTH AND CENTRAL AMERICA</b>	286.0	322.4
Canada	22.0	24.9
Mexico	18.7	19.8
U.S.A.	237.7	274.4
Others	7.6	3.3
<b>SOUTH AMERICA</b>	45.3	41.2
Argentina	17.8	18.0
Brazil	21.7	18.6
Others	5.8	4.6
<b>ASIA</b>	158.0	153.5
China	95.0	88.0
India	32.0	29.0
Indonesia	5.2	5.1
Thailand	4.9	5.5
Turkey	7.9	8.0
Others	13.0	17.9
<b>AFRICA</b>	43.9	48.0
Egypt Arab Rep. of	3.6	4.0
Nigeria	8.7	9.8
South Africa	8.2	8.3
Others	23.4	25.9
<b>OCEANIA</b>	9.3	8.6
Australia	8.9	8.1
Others	.4	.5
<b>Others Unspecified</b>	1.0	—
<b>WORLD TOTAL</b>	810.8	845.9

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Twelve Member States

Source: For Canada — Statistics Canada  
United States — USDA Foreign Agriculture Circular,  
December 1986

For all other countries — IWC Review of the World  
Wheat Situation, 1984-85  
For 1985 IWC Market Report,  
February 1987

Coarse Grains Include Corn, Sorghum, Barley, Oats,  
Rye, Millet & Mixed Grains

had all but eliminated its participation in the coarse grains market for a few years.

**TABLE 8**  
**EXPORTS OF COARSE GRAINS**  
**By Principal Exporters (July-June Crop Year)**

	1984-85 (Millions of Tonnes)	1985-86 <sup>1</sup> (Millions of Tonnes)
Argentina	10.6	9.5
Australia	7.4	5.7
Canada	3.6	4.4
EEC <sup>2</sup> <sup>3</sup>	8.5	8.7
South Africa	—	1.1
Thailand	3.4	4.2
U.S.A.	56.6	36.6
Others	11.8	16.1
<b>WORLD TOTAL</b>	101.9	86.3

<sup>1</sup> Preliminary: Subject to Revision

<sup>2</sup> Twelve Member States

<sup>3</sup> Excluding EEC Intra-Trade

Source: Canadian Grain Commission — Canadian Grain Exports  
(August-July crop year)

USDA — Foreign Agriculture Circular, December 1986

All Others — IWC Review of the World Wheat Situation  
for 1984-85

For 1985-86 I.W.C. Market Report Feb/87

### Carryover Stocks

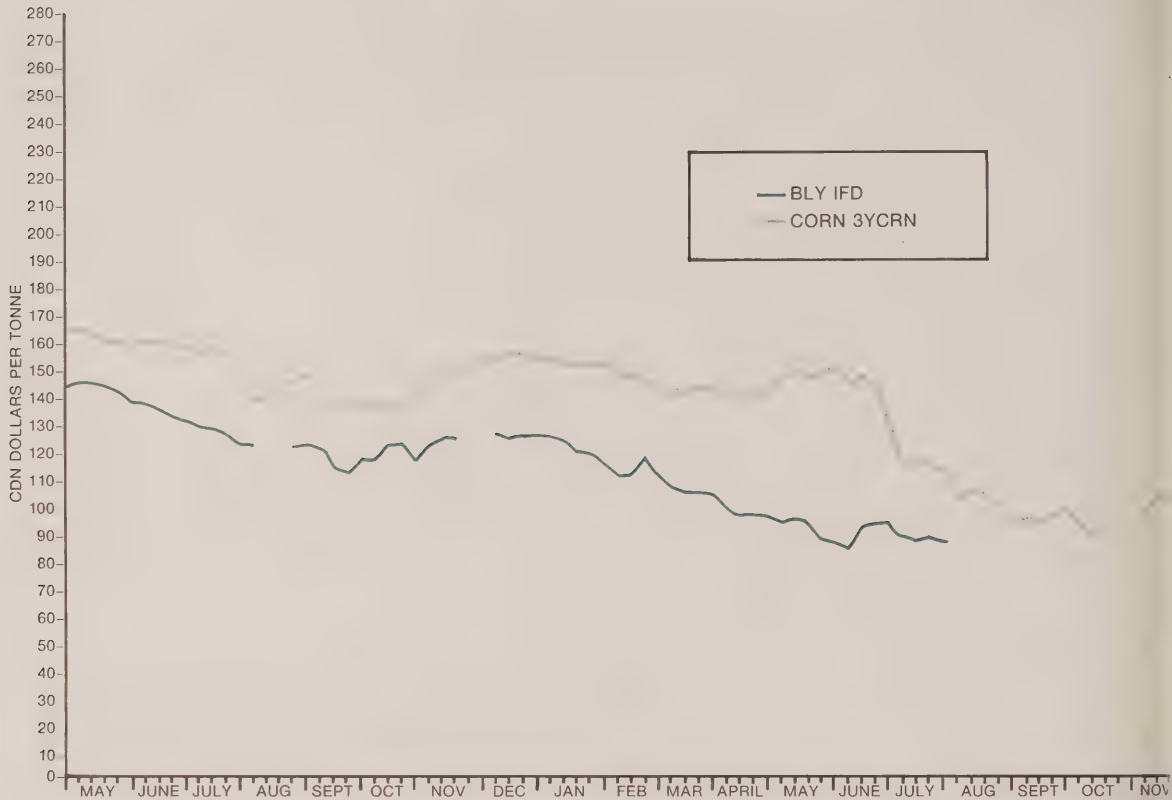
The record level of world coarse grains production in 1985 combined with the significant downturn in world coarse grains trade resulted in a dramatic buildup in carryover stocks. At the end of the 1984-85 crop year, world coarse grains carryover stood at 106 million tonnes. By the end of the respective 1985-86 marketing years in each of the major exporters, total world coarse grains carryover had risen by 61 million tonnes or 58 per cent to 167 million tonnes. U.S. coarse grain stocks at year end were up by almost 70 million tonnes.

### Price

Needless to say, with such large stocks overhanging the world market there was considerable downward pressure on coarse grains prices throughout most of the crop year. Supported by the U.S. regular loan rate and a tight "free stocks" situation, U.S. quoted f.o.b. prices for corn hovered around U.S.\$110 per tonne for much of the year while Argentina quoted prices of \$10-\$15 per tonne under the U.S. price. However, with the prospect of good crops again in 1986, the availability of large volumes of feed wheat and a lower U.S. corn loan rate beginning September 1st, prices began to fall in mid-1986. All of these factors contributed to an extremely bearish tone



**GRAPH 2**  
**WEEKLY F.O.B. COMPARATIVE PRICE ANALYSIS**



for all coarse grains prices throughout the year. As well, pending EEP initiatives for U.S. barley in markets such as Saudi Arabia and Algeria put a damper on overall coarse grains prices. The accession of Spain and Portugal into the EEC and the consequent drop in U.S. corn imports by these countries further exacerbated an already bearish situation in the world coarse grains market.

## BARLEY

### Production

World output of barley in 1985, at 177.2 million tonnes, was up marginally from 1984. Although barley production was down in Western Europe (after a record output in 1984), timely rains in North Africa, a larger seeded area in Canada and generally good growing and harvesting conditions in Eastern Europe

and the U.S.S.R. resulted in world output being up by 2.8 million tonnes.

### Trade

Total world trade in barley in 1985-86 at 18.6 million tonnes was little changed from 1984-85. However, the market shares of three of the four major exporters shifted somewhat. Canadian barley exports in 1985-86 increased 800 000 tonnes over 1984-85. This five per cent increase in world barley market share was largely attributable to increased exports of feed barley to Saudi Arabia and a new market opportunity for feed barley which opened up in the People's Republic of China. EEC-12 barley exports decreased in 1985-86, from 7.9 million tonnes to 7.4 million tonnes for a market share decrease of over four per cent. The U.S. meanwhile saw their barley exports drop from 1.2 million tonnes to 800 000 tonnes for a market



**TABLE 9**  
**WORLD BARLEY PRODUCTION**

	1984 (Millions of Tonnes)	1985 <sup>1</sup>
Australia	5.6	4.9
Canada	10.3	12.4
CHINA	7.3	6.2
Eastern Europe	17.1	16.9
EEC <sup>2</sup>	54.5	50.8
U.S.A.	13.0	12.9
U.S.S.R.	41.8	46.5
Others	<u>24.8</u>	<u>26.6</u>
<b>WORLD TOTAL</b>	<b>174.4</b>	<b>177.2</b>

<sup>1</sup> Subject to Revision

<sup>2</sup> Twelve Member States

Source: U.S.D.A. Foreign Agriculture Circular, December 1986  
for all other countries except Canada  
Canada: Statistics Canada

share decline of six per cent. Australia, the world's second largest barley exporter in 1984-85 and 1985-86 had exports of 4.7 and 3.8 respectively million tonnes.

On a regional basis, barley imports in 1985-86 were up significantly in Eastern Europe but down in the U.S.S.R. and North Africa. The world's major barley markets in 1985-86 were again Saudi Arabia, the U.S.S.R., Japan and the German Democratic Republic.

**TABLE 10**  
**EXPORTS OF BARLEY**

	1984-85 (Millions of Tonnes)	1985-86 <sup>1</sup>
Australia	4.7	3.8
Canada	2.8	3.6
EEC <sup>2</sup>	7.9	7.4
U.S.A.	1.2	.8
Others	<u>1.7</u>	<u>3.0</u>
<b>WORLD TOTAL</b>	<b>18.3</b>	<b>18.6</b>

<sup>1</sup> Subject to Revision

<sup>2</sup> Twelve Member Countries

Source: USDA Foreign Agriculture Circular for all Countries  
Except Canada  
Canada — Statistics Canada & Canadian Grain  
Commission (Aug./July Crop Year)

### Carryover Stocks

World carryover stocks of barley held by the four major exporters (normally accounting for upwards of 85 per cent of world barley trade) at the close of their respective crop years were estimated to be up by almost four million tonnes (23 per cent) over 1984-85. Carryover stocks were up by approximately one million tonnes in both Canada and the EEC-12, while

U.S. carryover stocks were up almost two million tonnes. Australian barley stocks at crop year end were little changed from 1984-85.

### Price

As with the other coarse grains, barley prices were under considerable downward pressure for the entire crop year. A large crop, a growing world inventory and falling demand resulted in a very depressed international coarse grains market. Under the pressure of mounting stocks, the U.S. in the first half of 1986 began offering EEP barley to countries such as Saudi Arabia and Algeria; later in the year, offers were made to Israel, Jordan, Cyprus and Romania. With subsidies approaching U.S.\$38 per tonne, these initiatives served to destroy world barley prices. By year end, barley was being offered to targeted markets at prices as low as U.S.\$64 per tonne c&f. Backed off to a Thunder Bay instore position, this equates to something less than Cdn. \$50 per tonne or less than Cdn.\$1 per bushel. In the same period, EEC barley export rebates increased from U.S.\$32 per tonne (on July 11, 1985) to \$129 per tonne (on May 16, 1986).

### OATS

At 48.2 million tonnes, world oats production in 1985 was up by 11 per cent over 1984. At three million tonnes, Canadian oats production in 1985 was up somewhat over the 1984 output of 2.7 million tonnes. The area seeded to oats in Canada appears to have stabilized at about 3.7 million acres.

Global oats trade continues to be small in volume relative to other coarse grains. In most countries of the world, oats is largely consumed locally close to the areas of production. Nevertheless, some oats entered into export channels again in 1985-86. Of the major exporters, Sweden was the largest (477 000 tonnes), followed by Finland (152 000 tonnes), Australia (50 000 tonnes), Canada (43 000 tonnes) and the U.S.A. (28 000 tonnes). Canadian oats exports were confined to two markets: the U.S.A. (40 000 tonnes) and Japan (3 000 tonnes). The former was high-quality milling oats for food use while the latter was double re-cleaned race horse oats. The major destinations for Swedish and Finnish oats in 1985-86 were the U.S.S.R., U.S.A. and the EEC.



## PART II SALES OF CANADIAN GRAIN



### WHEAT AND WHEAT PRODUCTS

Canadian wheat exports (including durum), at 17.7 million tonnes, were virtually the same as in 1984-85. As shown in Table 11, individual purchases by the main customers were little changed from the previous year, with the exception of the Soviet Union, which reduced purchases by 800 000 tonnes. This was offset by increases to a number of smaller customers.

Exports might have been higher had supplies of higher-quality wheat been available earlier in the crop year. Overall outward wheat carryover was up from 1984-85, but the increase was mainly in No. 3 CWRS. This grade was competing against subsidized U.S. and EC wheat, and sales for it were more difficult to find.

**TABLE 11  
CANADIAN WHEAT (INCLUDING DURUM) AND  
WHEAT FLOUR EXPORTS TO MAJOR MARKETS**

	1985-86 <sup>1</sup>	1984-85	1983-84
	(Thousands of Tonnes)		
U.S.S.R.	5 219	6 019	6 761
China	2 614	2 845	3 514
Japan	1 272	1 324	1 325
Cuba	1 137	779	1 053
Brazil	986	1 152	1 363
U.K.	702	633	955
Algeria	492	508	813
E.A.R.	482	468	686
Italy	367	240	742
Iraq	347	367	608
Venezuela	320	294	69
Others <sup>2</sup>	3 752	2 954	3 876
Total	17 690	17 583	21 765

<sup>1</sup> Preliminary — Subject to Revision

<sup>2</sup> Includes — Bagged Seed Exports

Source: Canadian Grain Commission for 1985-86  
Previous Years — Statistics Canada

### DURUM WHEAT

Durum exports dropped again in 1985-86. The durum-producing area of the southern Prairies was particularly hard hit by drought in both 1984 and 1985, and supplies, especially of higher grades, were severely limited.

### OATS

Oats exports continued to be relatively small in 1985-86, but were up considerably in percentage terms. Exports reached 43 000 tonnes, compared to 18 000 in 1984-85. This was mainly because of demand for quality oats in the U.S.

**TABLE 12  
CANADIAN DURUM EXPORTS  
TO MAJOR MARKETS**

	1985-86 <sup>1</sup>	1984-85	1983-84
	(Thousands of Tonnes)		
Algeria	492	508	813
Italy	255	182	504
U.S.S.R.	254	533	555
Libya	108	103	93
Cuba	63	59	—
France	58	104	199
Venezuela	49	48	16
Japan	18	61	60
Others	88	228	306
Total	1 385	1 826	2 546

<sup>1</sup> Preliminary — Subject to Revision

Source: Canadian Grain Commission for 1985-86  
Previous Years — Statistics Canada

### BARLEY

Barley exports, at 3.8 million tonnes, were limited by supplies again in 1985-86, but were well up from the previous year. Table 13 shows the major customers. Saudi Arabia emerged as the largest customer during the year. Official figures in the table are slightly understated. Actual purchases are estimated at closer to a million tonnes. Saudi Arabia is now buying more barley in bulk. In previous years, most was purchased

**TABLE 13  
CANADIAN BARLEY EXPORTS  
TO MAJOR MARKETS**

	1985-86 <sup>1</sup>	1984-85	1983-84
	(Thousands of Tonnes)		
Saudi Arabia	899	—	31
Japan	839	735	820
Germany,	571	798	1 123
Peoples Rep. of			
U.S.S.R.	439	410	472
China	212	—	26
Israel	145	187	256
Others	487	474	2 539
Bulk Grand	3 592	2 604	5 267
Total			
Malt	203	177	269
Grand Total	3 795	2 781	5 536

<sup>1</sup> Preliminary — Subject to Revision

Source: Canadian Grain Commission for 1985-86  
Previous Years — Statistics Canada





in bags. The official destination may have been shown as Belgium or Singapore, where the barley was bagged and reloaded for the Middle East.

Perhaps the most significant figure in the table is the 212 000 tonnes for China, which has purchased very little barley in the past. It's hoped this represents the beginning of a continued trend.

### DOMESTIC FEED GRAIN POLICY

On August 1, 1985, the Federal Government announced changes to the Domestic Feed Grain Policy. The six changes included:

- Suspension of the corn-competitive pricing formula.
- Continuation of off-Board feed grain quotas.
- Continuation of stock switching on the Prairies.
- Authorization of use of government hopper cars for moving domestic feed grain off the Prairies to east of Thunder Bay, as long as they were not required for normal use.
- The Livestock Feed Board of Canada would continue to be responsible for monitoring supplies.
- Authority for issuing import licences for feed oats and feed barley would transfer from the Canadian Wheat Board to the Special Trade Relations Bureau of the Department of External Affairs.

The Board again made only limited sales into the domestic feed grain market in 1985-86. In the absence of the previous rigid corn-competitive formula, prices were determined by referring to prevailing levels in the area where the grain was requested.

**TABLE 14**  
**WHEAT BOARD SALES OF CANADIAN**  
**DOMESTIC FEED GRAINS**

Crop year	Wheat	Oats (Thousands of tonnes)	Barley	Total
1985-86	39.3	24.1	59.8	123.2
1984-85	24.1	5.3	72.1	101.5
1983-84	33.7	.8	.4	34.9
1982-83	257.6	97.7	98.2	453.5
1981-82	363.7	111.3	226.4	701.4

### DOMESTIC WHEAT PRICES

Under the domestic wheat price program, Canadian millers buy wheat at export prices within a range established by the federal government. In 1985-86, the range, basis No. 1 CW, 13.5% protein at Thunder Bay, was \$183.72 per tonne to \$257.21 per tonne (\$5.00 to \$7.00 per bushel). The minimum for durum wheat, basis No. 1 CWAD at Thunder Bay, was also \$183.72 per tonne, with no maximum.

As the crop year began, domestic prices reflected strong premiums for higher grade wheat, and in December, the price for No. 1 CWRS was set at \$254.32 per tonne for the January through March pricing period. Under normal circumstances, the April 1st price would have been readjusted downward to reflect declining export prices. However, the Board decided to use its latitude under the policy to set prices for both wheat and durum at the \$257.21 maximum. This price was unchanged through the balance of the year.

### FOOD AID PROGRAMS

The Canadian Government provides benefits to both needy countries and to Canadian farmers through its continuing purchases under food aid programs. Exports through both the Canadian International Development Agency (CIDA) and the World Food Program increased over 1984-85. CIDA purchases rose sharply from 285 851 tonnes in 1984-85 to 718 544 tonnes in 1985-86.

Bangladesh was the largest recipient of grain under the programs, receiving 506 322 tonnes from CIDA. Table 15 shows Canadian food aid shipments from all sources during the year.

**TABLE 16**  
**1985-86 CANADIAN GRAIN EXPORTS**  
**UNDER CREDIT AGREEMENTS**

	Medium Term Credit CWB
	August 1/85-July 31/86 (Tonnes)
<b>WHEAT</b>	
Brazil	980 735
Egypt (AR)	463 747
Iraq	346 500
East Germany (GDR)	48 391
Jamaica	39 375
Israel	24 997
Columbia	21 000
Sub-Total	<u>1 924 745</u>
<b>BARLEY</b>	
East Germany (GDR)	149 487
Israel	<u>145 205</u>
Sub-Total	<u>294 692</u>
<b>TOTAL WHEAT &amp; BARLEY</b>	<u><u>2 219 437</u></u>

Sources: CWB Sales Programming as of  
October 24, 1986, and Treasury Division



## CREDIT SALES

Sales made under credit continued to decline in 1985-86. Credit sales totaled 2.2 million tonnes, compared to 3.5 million tonnes in 1984-85 and 4.2 million tonnes in 1983-84.

Destinations of these sales are shown in Table 16. All credit sales are made under commercial terms and rates. The credit was financed by the Wheat Board and guaranteed by the federal government.

**TABLE 15**  
**CANADIAN FOOD AID SHIPMENTS 1985-86**  
**(August/July)**  
**(Tonnes)**

Country	CIDA			World Food Program			Total		
	Wheat	Flour	Sub-Total	Wheat	Flour	Sub-Total	Wheat	Flour	Sub-Total
Bangladesh .....	506 322	—	506 322	—	—	—	506 322	—	506 322
China (PRC) .....	—	—	—	215 380	62 985	278 365	215 380	62 985	278 365
Sri Lanka .....	107 945	—	107 945	—	—	—	107 945	—	107 945
Sudan .....	—	31 058	31 058	—	—	—	—	31 058	31 058
Ethiopia* .....	—	20 610	20 610	5 500	—	5 500	5 500	20 610	26 110
Ghana .....	17 900	—	17 900	—	—	—	17 900	—	17 900
Yemen (PDR) .....	—	—	—	—	14 331	14 331	—	14 331	14 331
Egypt .....	—	—	—	—	10 688	10 688	—	10 688	10 688
Zambia .....	10 300	—	10 300	—	—	—	10 300	—	10 300
Mauritania .....	10 000	—	10 000	—	—	—	10 000	—	10 000
Morocco .....	—	—	—	—	9 729	9 729	—	9 729	9 729
Lebanon .....	—	—	—	6 336	3 389	9 725	6 336	3 389	9 725
Senegal .....	8 443	—	8 443	—	—	—	8 443	—	8 443
Colombia .....	—	—	—	—	6 703	6 703	—	6 703	6 703
Mozambique .....	—	—	—	6 700	—	6 700	6 700	—	6 700
Rwanda .....	—	5 966	5 966	—	—	—	—	5 966	5 966
Brazil .....	—	—	—	5 500	—	5 500	5 500	—	5 500
Honduras .....	—	—	—	4 300	—	4 300	4 300	—	4 300
Nicaragua .....	—	—	—	—	2 418	2 418	—	2 418	2 418
Paraguay .....	—	—	—	—	1 932	1 932	—	1 932	1 932
St. Lucia .....	—	—	—	1 042	—	1 042	1 042	—	1 042
Ecuador .....	—	—	—	—	882	882	—	882	882
Cyprus .....	—	—	—	—	869	869	—	869	869
Syria .....	—	—	—	—	767	767	—	767	767
Costa Rica .....	—	—	—	—	633	633	—	633	633
St. Vincent .....	—	—	—	350	—	350	350	—	350
St. Christopher .....	—	—	—	350	—	350	350	—	350
(St. Kitts)	—	—	—	—	—	—	—	—	—
Jamaica .....	—	—	—	—	331	331	—	331	331
Antigua .....	—	—	—	258	—	258	258	—	258
Bolivia .....	—	—	—	—	219	219	—	219	219
Guatemala .....	—	—	—	—	124	124	—	124	124
<b>TOTAL .....</b>	<b>660 910</b>	<b>57 634</b>	<b>718 544</b>	<b>245 716</b>	<b>116 000</b>	<b>361 716</b>	<b>906 626</b>	<b>173 634</b>	<b>1 080 260</b>

\* Ethiopia - Includes about 3 000 tonnes of flour from Red Cross

Red Cross (Niger 2 625 tonnes flour)

Canadian Food Grains Bank Association (CFBA)

(Bangladesh 2 500, Ethiopia 35 838, Mozambique 633, Sudan 5 000 tonnes of wheat)

GRAND TOTAL

1 126 832

# PART III THE SUPPLY AND TRANSPORTATION OF CANADIAN GRAIN



## INTRODUCTION

The 1985-86 grain supply picture improved as a result of a large Prairie seeded area and excellent growing conditions in Manitoba. But a drought during critical stages of the crop's development greatly reduced yields in some parts of Saskatchewan and Alberta, keeping the Prairie crop to about four million tonnes above the previous 10-year average. This was followed by a widespread wet harvest which resulted in large amounts of lower grade grain, much of it high in moisture.

Exports of the six major grains increased slightly from 23.1 million tonnes in 1984-85 to 24.7 million tonnes in 1985-86, in spite of an extremely competitive export market. With the exception of high-grade wheat and durum, which were in relatively short supply, wheat quotas were tight until later in the year. The same was true for barley. It looked like farmers would be left with carryovers of No. 3 CWRS, Canada

Feed wheat, and barley. However, the Board was successful in making sales late in the year.

The crop year ended with congestion in the commercial storage system. However, on-farm carryovers were maintained at the very low level of the year before.

## CROP DEVELOPMENT, QUALITY, AND SIZE

Western Canadian crop production of the six major grains increased to about 41.2 million tonnes in 1985. As shown in Table 17, this was an increase of about six million tonnes over the previous year, and about four million tonnes over the previous 10-year average.

Favorable soil moisture conditions encouraged Prairie farmers to seed a record area in 1985. Although May and June were somewhat dry, there was sufficient soil moisture to maintain good yield potential.

However, for the second year in a row, high temperatures during late June and early July brought a

**TABLE 17**  
**1985<sup>1</sup> PRAIRIE YIELDS AND PRODUCTION**

	ALBERTA				SASKATCHEWAN			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	23.6	30.2	4.8	4.9	22.9	26.6	12.9	13.0
Barley	41.7	46.1	4.8	5.5	47.7	41.2	3.6	2.9
Oats	52.5	58.4	1.0	1.3	47.8	48.1	.7	.9
Rye	22.3	30.6	.1	.2	20.3	24.8	.2	.2
Flaxseed	13.8	18.0	—	.1	17.7	16.1	.3	.2
Rapeseed	19.6	20.6	1.2	1.0	23.4	21.9	1.5	1.0
TOTAL PRODUCTION	—	—	11.9	13.0	—	—	19.2	18.2

	MANITOBA				WESTERN CANADIAN PROVINCES <sup>2</sup>			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84	1985	10-Year Average 1975-84
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	40.0	28.4	5.2	2.9	25.5	27.6	23.0	20.9
Barley	62.7	44.1	2.5	1.8	47.0	44.2	11.1	10.3
Oats	65.5	49.8	.6	.6	53.3	53.1	2.2	2.8
Rye	33.8	29.9	.2	.1	24.2	27.9	.5	.6
Flaxseed	21.0	14.7	.5	.3	19.4	15.4	.9	.5
Rapeseed	28.0	20.2	.6	.4	22.2	21.0	3.5	2.4
TOTAL PRODUCTION	—	—	9.6	6.1	—	—	41.2	37.5

<sup>1</sup> Preliminary — Subject to Revision

<sup>2</sup> Includes British Columbia

Source: Statistics Canada



return to drought conditions across Alberta and southern Saskatchewan. Grasshopper infestation again became a problem. Drought in the Peace River district also cut back yields.

This was in contrast to the eastern Prairies which received good, timely rainfall and more moderate temperatures. Manitoba and eastern Saskatchewan had record yields.

In early August, rains became widespread. This continued into October in many areas. Harvest was very difficult and grades fell well below average as shown in Table 18. Almost half of the wheat crop graded No. 3 CW or Canada Feed, compared to only 13 per cent the previous year. Supplies of quality barley were also well down.

Large supplies of tough and damp grain resulted due to the poor harvesting conditions. Protein content of the wheat crop was also down considerably, averaging about 13.4 per cent.

**TABLE 18**  
**ESTIMATED GRADE DISTRIBUTION**  
**(Per cent of Production)**

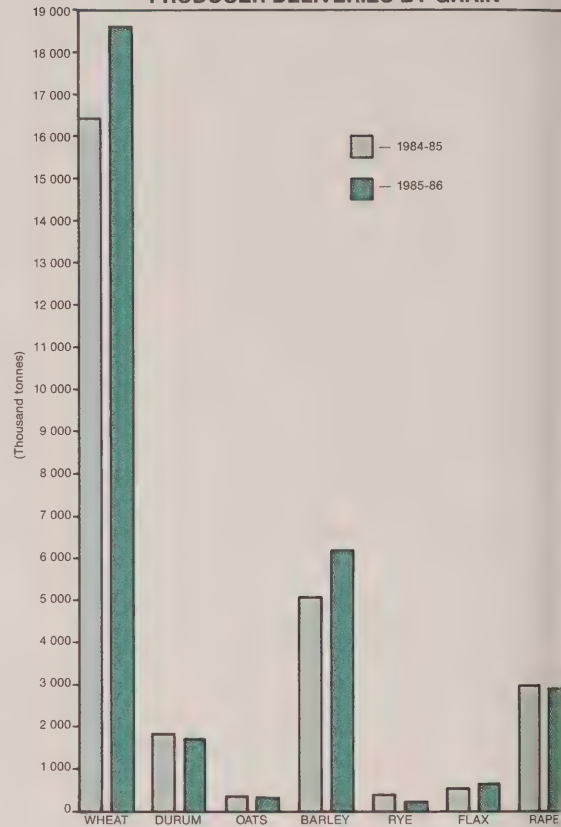
	1985	1984
<b>Wheat Grades</b>		
1 CW Red Spring	20.0%	67.0%
2 CW Red Spring	32.0	19.0
3 CW Red Spring	34.5	8.0
1 Canada Utility	0.3	1.0
2 Canada Utility	0.2	0.5
Canada Feed	13.0	4.5
<b>Barley Grades</b>		
1 & 2 CW Six-Row	0.2	9.0
1 & 2 CW Two-Row	1.5	6.0
1 Feed	78.6	70.0
2 Feed & Lower	19.7	15.0
<b>Durum Grades</b>		
1 CW Amber Durum	18.0	34.0
2 CW Amber Durum	26.0	47.0
3 CW Amber Durum	32.0	11.0
4 CW Amber Durum	18.0	6.0
5 CW Amber Durum	6.0	2.0

Source: Canadian Grain Commission

## PRODUCER DELIVERIES

Producers delivered 31.6 million tonnes of the six major grains into the elevator system during the 1985-86 crop year. As shown in Graph 3, most of this four-million-tonne increase over the previous year was in wheat and barley.

**GRAPH 3**  
**PRODUCER DELIVERIES BY GRAIN**



Producer deliveries got off to a slow start due to low farm carryovers and the late harvest. At the beginning of the year, carryover stocks in terminal positions were substantial, but demand was slow. This initially restricted deliveries. By mid-September, only 1.7 million tonnes of the six major grains had been delivered by producers, compared to 4.3 million tonnes during the same period in 1984-85. Producer deliveries were further restricted when a collapsed wall at Lock 7 of the Welland Canal halted St. Lawrence shipments for about three weeks.

Although quota opportunities for wheat started out best for low-grade wheat, this quickly changed due to the shortage of high-grade wheat supplies. Delivery opportunities for barley were limited to a 65-kilogram (three-bushel) quota unless producers held a Wheat Board barley contract. The Wheat Board authorized delivery of all contract quantities of barley in November.





With the exception of high-grade wheat and durum, which were in relatively short supply, wheat quotas were tight until late in the crop year. The same was true of barley. It looked like farmers would be left with carryovers of No. 3 CWRS, Canada Feed wheat, and barley by July 31.

However, the Board was able to make sales late in the year, particularly for feed wheat and barley. Quotas for all grades except No. 3 CWRS, Canada Feed wheat, and barley were terminated at the end of June, leaving July to concentrate on bringing in these three.

It was a tight squeeze. From May onward, after announcement of impending initial price drops of up to \$36.00 per tonne, the elevator system was flooded with deliveries of all types of grain. Although quotas on Nos. 1 and 2 CWRS had been relatively large since early in the crop year, deliveries of these grades poured in after May. There were several reports of delivery of five, six, and even 10-year old grain. Deliveries of high-grade wheat were over a million tonnes

higher than Wheat Board and elevator company expectations.

Throughout the year, deliveries of all except top-grade wheat and durum had to be restricted to straight grades only. Terminal drying capacity could not keep up with the record quantities of tough and damp grain, and on-farm dryers worked steadily through much of the year.

Table 19 provides a summary of quotas for the 1985-86 crop year.

### CARRYOVER

In the past, there has been a tendency, at least among some farmers, to hang on to a bin or two of grain "just in case." It's unlikely that there were very many such farmers left after July 31, 1986.

Faced with the prospect of much lower initial payments in the new crop year and the likelihood of an upcoming record crop, most farmers responded by delivering every kernel possible. As shown in Table

**TABLE 20**  
**STOCKS ON FARMS IN WESTERN CANADA AS AT JULY 31 FOR YEARS 1981 TO 1986**

Grain	1981	1982	1983 (Thousands of Tonnes)	1984 (Thousands of Tonnes)	1985	1986 <sup>1</sup>
Wheat* .....	1 533	3 515	1 960	1 690	1 060	745
Oats .....	446	536	825	465	345	455
Barley .....	992	1 817	3 055	930	700	820
Rye .....	53	103	220	105	150	160
Flaxseed .....	56	38	118	25	25	75
Rapeseed .....	404	71	40	15	95	270
<b>TOTAL .....</b>	<b>3 484</b>	<b>6 080</b>	<b>6 218</b>	<b>3 230</b>	<b>2 375</b>	<b>2 525</b>

\* Includes Durum Wheat  
<sup>1</sup> Subject to Revision  
Source: Statistics Canada

**TABLE 21**  
**STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN**  
**AS AT JULY 31 FOR YEARS 1981-1986**

Grain	1981	1982	1983 (Thousands of Tonnes)	1984 (Thousands of Tonnes)	1985	1986 <sup>1</sup>
Wheat * .....	6 925	6 153	7 973	7 455	6 518	7 579
Oats .....	150	215	175	125	124	179
Barley .....	2 063	2 181	1 904	891	1 291	2 135
Rye .....	169	231	431	326	233	157
Flaxseed .....	288	221	347	130	119	230
Rapeseed .....	924	621	446	105	375	709
<b>TOTAL .....</b>	<b>10 519</b>	<b>9 622</b>	<b>11 276</b>	<b>9 032</b>	<b>8 660</b>	<b>10 989</b>

\* Includes Durum Wheat  
<sup>1</sup> Subject to Revision  
Source: Canadian Grain Commission for 1986  
All previous years — Statistics Canada





**TABLE 19**  
**SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1986**

	Quota Name	Kilograms/ Quota Acre	Bushels/ Quota Acre	Grades	Area
Hard Red Spring Wheat	A	50	1.8	All	All
	B	50	1.8	All	All
	C(s)	140	5.1	Straight 2&3CW	All
	D(s)	80	2.9	Straight 1&2CW	All
				Straight,	
	E(s)	80	2.9	Tough & Damp 1&2CW	All
				Straight,	
	F(s)	275	10.1	Tough & Damp 1&2CW	All
				Straight,	
	G(s)	50	1.8	Tough & Damp 1&2CW	All
	H(s)	80	2.9	Straight Canada Feed	All
				Straight,	
	I(s)	355	13.0	Tough & Damp 1&2CW	All
	J(s)	275	10.1	Straight Canada Feed	All
	K(s)	545	20.0	Straight Canada Feed	All
Durum	L(s)	80	2.9	Straight 3CW	All
	M(s)	275	10.1	Straight 3CW	All
	A	80	2.9	All	All
	B	80	2.9	All	All
	C	80	2.9	All	All
				Straight,	
	D(s)	680	25.0	Tough & Damp 1,2&3CW	All
	E(s)	135	5.0	Straight 1,2&3CW	All
				Straight,	
	F(s)	135	5.0	Tough & Damp 1&2CW	All
				Straight,	
	G(s)	275	10.1	Tough & Damp 1,2&3CW	All
				Straight,	
	H(s)	50	1.8	Tough & Damp 1,2&3CW	All
				Straight,	
Utility Types of Wheat	I(s)	355	13.0	Tough & Damp 1,2&3CW	All
	J	545	20.0	All	All
	A	80	2.9	All	All
				Straight,	
	B(s)	80	2.9	Tough & Damp 1&2CU	All
Red Winter Wheat	C(s)	80	2.9	Straight 1&2CU	All
	D	545	20.0	All	All
	A	80	2.9	All	All
				Straight,	
	B(s)	80	2.9	Tough & Damp 1&2CW	All
Soft White Spring Wheat				Straight,	
	C(s)	1360	50.0	Tough & Damp 1&2CW	All
				Straight,	
	D	1360	50.0	Tough & Damp 1&2CW	All
	E	545	20.0	All	All
	A	80	2.9	All	All



	Quota Name	Kilograms/ Quota Acre	Bushels/ Quota Acre	Grades	Area
	B(s)	1900	70.0	Tough & Damp 1,2&3CW	All
	C(s)	135	5.0	Straight 1&2CW	All
	D(s)	1360	50.0	Straight 1&2CW	All
	E	545	20.0	All	All
Oats	A	160	10.4	All	All
	B	310	20.1	All	All
	C	775	50.3	All	All
Barley	A	65	3.0	All	All
	B	65	3.0	Straight Grades Only	All
	C	65	3.0	Straight Grades Only	All
	D	65	3.0	Straight Grades Only	All
	E	65	3.0	Straight Grades Only	All
	F	325	14.9	Straight Grades Only	All
	G	655	30.1	Straight Grades Only	All
Rye		765	30.1	All	All
Rye to Distillers		765	30.1	All	All
Flaxseed		890	35.0	All	All
Flaxseed to Crushers		890	35.0	All	All
Rapeseed		1135	50.0	All	All
Rapeseed to Crushers		1135	50.0	All	All

20, on-farm carryover was estimated at about 2.5 million tonnes, up marginally from the very low on-farm carryover of the year before. Most of this carryover consisted of barley and low-grade wheat.

The quotas announced towards the end of the 1985-86 crop year allowed farmers to take maximum advantage of commercial storage facilities. As shown in Table 21, stocks stored in commercial positions soared to almost 11 million tonnes.

## COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments increased marginally from 27.2 million tonnes in 1984-85 to 27.5 million

tonnes in 1985-86. The increase in Manitoba shipments and drop in Saskatchewan and Alberta shipments again reflected the weather patterns of the 1985 growing season. Manitoba had experienced a record crop while crops in Saskatchewan and Alberta had been reduced due to drought. Table 22 provides a list of country elevator shipments by province and by grain.

## WEST COAST

During the year, the Board tended to use the West Coast ports wherever possible, as the western route avoids the high transshipment costs from Thunder Bay to St. Lawrence. Shipments from West Coast

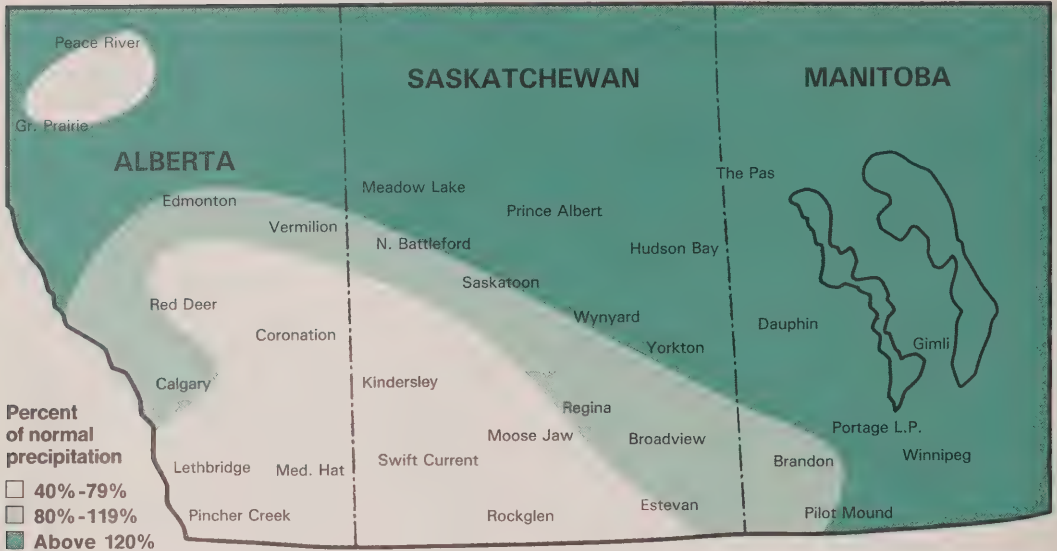
**TABLE 22**  
**COUNTRY ELEVATOR SHIPMENTS**

Grain	1985-86				1984-85			
	Man.	Sask. (Thousands of Tonnes)	Alta. <sup>1</sup> (Thousands of Tonnes)	TOTAL	Man.	Sask. (Thousands of Tonnes)	Alta. <sup>1</sup> (Thousands of Tonnes)	TOTAL
Wheat .....	4 201	9 371	3 909	17 481	3 367	9 689	4 746	17 802
Durum .....	248	1 027	163	1 438	151	1 555	227	1 933
Oats .....	60	43	132	235	53	49	201	303
Barley .....	1 432	2 106	2 321	5 859	961	1 334	2 257	4 552
Rye .....	87	151	45	283	113	166	68	347
Flaxseed .....	370	169	18	557	312	161	16	489
Rapeseed .....	324	696	596	1 616	261	753	743	1 757
TOTAL .....	6 722	13 563	7 184	27 469	5 218	13 707	8 258	27 183

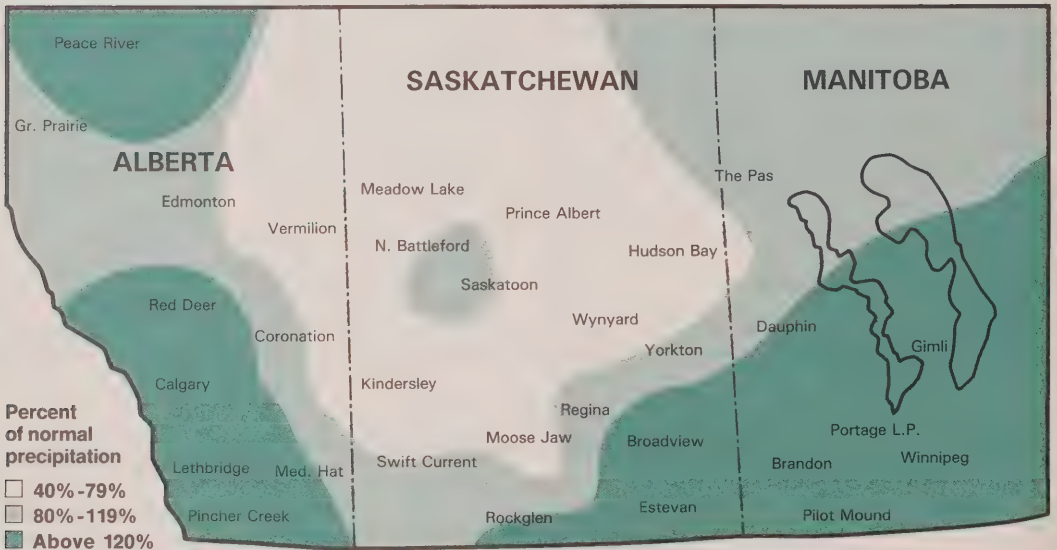
<sup>1</sup> Includes British Columbia  
Source: Canadian Grain Commission.



**ACCUMULATED PRECIPITATION  
FROM MAY 1 TO JULY 31, 1985**



**PERCENT OF NORMAL ACCUMULATED PRECIPITATION  
FROM AUGUST 1 TO SEPTEMBER 30, 1985**



*These two maps show how moisture arrived at the wrong time in 1985. The first shows actual precipitation from May 31 to July 31. Only the eastern Prairies received adequate moisture. The second map shows the percentage of normal precipitation from August 1 to the end of September. The widespread rains interfered with harvest in most areas.*



ports in 1985-86, at 12 191 000 tonnes, were only slightly less than the record export level of 12.5 million tonnes in 1983-84.

West Coast export shipments were scheduled to get off to a brisk start right from the beginning of the crop year. For the most part, the export program ran smoothly throughout the crop year. However, there were vessel line-ups from mid-October through to March. These were caused by late harvesting of the 1985 Prairie grain crop, the larger than usual amount of tough and damp grain, and the poor rate of rail car unloads at Prince Rupert. In February, a tragic passenger/freight collision at Hinton, Alberta, shut off CN shipments to the West Coast for five days. This, combined with cold weather and slow deliveries, prompted the Board to rail barley via CP Rail lines from Thunder Bay to Vancouver. This was to meet urgent delivery commitments for that period.

Throughout the crop year, a labour-management dispute held work at the new Prince Rupert terminal to only one shift. Had additional shifts been available, West Coast exports would have been higher.

In spite of the heavy pace of grain deliveries in the latter part of the crop year and the demands placed on all parts of the handling system, operations at the West Coast were consistently strong. Terminal stocks reached high levels, but the ports were able to sustain a good level of loads to vessels. In June, West Coast shipments were the second-highest on record.

## THUNDER BAY AND ST. LAWRENCE

Exports from Thunder Bay terminals and St. Lawrence transfer elevators totaled only 9 973 000 tonnes in 1985-86. This was lower than the level of the previous year, and down significantly from the record 15.7 million tonnes in 1982-83. This reflected both the lower level of export supplies, and the Board's preference for the lower-cost West Coast route.

Stocks in Thunder Bay and St. Lawrence elevators were quite high as the crop year began. Export pace improved in September, but on October 14, a wall in Lock 7 in the Welland Canal collapsed, cutting off all movement through this pivotal connection between the Great Lakes and the St. Lawrence Seaway. Terminal stocks at Thunder Bay rose quickly. The Wheat Board organized direct rail shipment of small amounts of some grades between Thunder Bay and the St. Lawrence transfer houses. In total, 15 unit trains carried about 120 000 tonnes of grain to meet commitments in the St. Lawrence River. In the days following the November 6 reopening of the Welland Canal, there was some congestion of vessels within the Canal and arriving at Thunder Bay. On November 29, a container ship collided with the St. Louis-de-Gonzague Bridge at Valleyfield, Quebec, bringing upstream and downstream traffic to a halt. The bridge was back in service on December 4.

The Wheat Board organized direct rail movement of grain from Thunder Bay to ports in the St. Law-

**TABLE 23**  
**WEIGHTED AVERAGE DEDUCTIONS FROM FARMERS**  
**FOR FREIGHT, COUNTRY ELEVATION, & REMOVAL OF DOCKAGE**

		1981-82	1982-83	1983-84	1984-85	1985-86
		(Dollars per Tonne)				
Wheat -	Freight .....	\$ 4.65	\$ 4.66	\$ 5.16	\$ 7.20	\$ 5.53
	Country Elevation &					
	Removal of Dockage .....	\$ 6.87	\$ 7.46	\$ 7.46	\$ 7.60	\$ 7.93
	Total .....	\$11.52	\$12.12	\$12.62	\$14.80	\$13.46
Durum Wheat -	Freight .....	\$ 4.79	\$ 4.82	\$ 5.24	\$ 7.55	\$ 5.71
	Country Elevation &					
	Removal of Dockage .....	\$ 6.87	\$ 7.41	\$ 7.43	\$ 7.56	\$ 7.88
	Total .....	\$11.66	\$12.23	\$12.67	\$15.11	\$13.59
Oats -	Freight .....	\$ 4.73	\$ 4.78	\$ 5.21	\$ 7.22	\$ 5.43
	Country Elevation &					
	Removal of Dockage .....	\$10.46	\$11.35	\$11.15	\$11.33	\$12.06
	Total .....	\$15.19	\$16.13	\$16.36	\$18.55	\$17.49
Barley -	Freight .....	\$ 4.71	\$ 4.72	\$ 5.14	\$ 7.16	\$ 5.53
	Country Elevation &					
	Removal of Dockage .....	\$ 8.44	\$ 9.21	\$ 9.13	\$ 9.31	\$ 9.68
	Total .....	\$13.15	\$13.93	\$14.27	\$16.47	\$15.21





rence River during the winter. The size of the winter rail movement was based on the ongoing needs of eastern sales commitments rather than a firm target. In total, direct rail movement was 486 010 tonnes.

The first vessel clearance at the opening of the 1986 shipping season on April 4 found the Thunder Bay terminals with plenty of grain instore. This was to be the case for much of the remainder of the crop year, although port operations ran smoothly in spite of the tight space. The heavy pace of farmer deliveries during the latter part of the crop year kept pressure on all parts of the grain handling system, and terminal and transfer elevator stocks were quite high at the end of July.

### CHURCHILL

The Canadian Wheat Board exported 391 000 tonnes of grain through the northern port during the 1985 season.

The first vessel of the 1985 shipping season arrived on July 31 with heavy ice damage. She was repaired in port and cleared August 14. The final vessel of the 1985 season cleared November 2. In total, 13 vessels visited Churchill.

In March, 1985, the Wheat Board shipped about 75 000 tonnes of barley to Churchill in anticipation of the 1986 shipping season and to free delivery space in the country elevator system.

### FREIGHT AND HANDLING RATES

Deductions from producer deliveries at country elevators decreased for the 1985-86 crop year, entirely because of a reduction in the farmer's portion of rail freight rates. Under the new transportation bill

C-155, rail freight rates must take into consideration the volume shipped in the previous year. Rail freight rates for 1985-86 were lower because of the smaller volume of grain handled in 1984-85. Table 23 shows weighted average rail freight paid by producers, country elevation, and removal of dockage fees for wheat, durum, oats, and barley during the last five crop years.

Maximum country elevation tariffs and removal of dockage fees authorized by the Canadian Grain Commission increased for the 1985-86 crop year. The maximum country elevation tariffs were \$8.53 per tonne for wheat, \$13.99 per tonne for oats, and \$10.58 per tonne for barley. Maximum removal of dockage fees were \$2.63 per tonne for wheat, \$4.31 per tonne for oats, and \$3.26 per tonne for barley.

The Canadian Grain Commission also increased the maximum elevation tariffs at terminal elevators. In 1985-86, the maximum was \$5.01 per tonne for wheat, \$8.22 per tonne for oats, and \$6.21 per tonne for barley. However, actual terminal elevation charges changed very little from the year before when a weighted average of charges is compared. The weighted average charge increased to \$4.32 from \$4.23 per tonne for wheat, to \$7.18 from \$7.04 per tonne for oats, and to \$5.46 from \$5.36 per tonne for barley.

Total costs of moving grain east of Thunder Bay actually decreased during the 1985-86 crop year as shown in Table 24. This is due to significant reductions in the cost of bunker fuel as oil prices dropped throughout the period. Table 25 provides a breakdown of Thunder Bay fobbing costs, lake freight costs, and inward elevation at eastern transfer elevators.

**TABLE 24**  
**TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS FOR WHEAT**

	1982	1983	1984 (Dollars per Tonne)	1985	1986	Percentage Increase from 1982
Thunder Bay To St. Lawrence <sup>1</sup> . . . . . (all water)	\$20.638	\$21.726	\$22.247	\$24.489	\$25.586	24.0%
Thunder Bay to St. Lawrence . . . . . (winter rail)	\$31.284	\$33.154	\$36.638	\$34.185	\$34.229	9.4%
Thunder Bay to Atlantic <sup>2</sup> . . . . .	\$24.361	\$25.525	\$26.396	\$27.548	\$27.571	13.2%

<sup>1</sup> Includes lake freight rate as at opening of navigation.

<sup>2</sup> Includes lake freight costs to Georgian Bay at close of the previous navigation season & AT and East rail freight costs from Georgian Bay to the Atlantic.





**TABLE 25**  
**EASTERN TRANSPORTATION AND HANDLING CHARGES FOR WHEAT**  
**(Rates Basis Opening of Navigation)**

	1982	1983	1984 (Dollars per Tonne)	1985	1986	Percentage Increase from 1982
Thunder Bay Costs .....	\$4.250	\$4.683	\$4.913	\$5.013	\$5.180	21.9%
Elevation <sup>1</sup> .....	3.500	3.900	4.100	4.180	4.310	23.1%
Weighing, Inspection <sup>2</sup> .....	.660	.690	.720	.740	.740	12.1%
LSCA Charges <sup>3</sup> .....	.040	.043	.043	.043	.070	75.0%
Warehouse Receipts Cancellation <sup>4</sup> ....	.050	.050	.050	.050	.060	20.0%
Lake Freight (including Bunker fuel)						
Thunder Bay to Bay ports .....	7.570	7.760	8.200	9.240	8.430	11.4%
Thunder Bay to St. Lawrence .....	12.480	12.920	13.250	15.110	13.590	11.8%
Eastern Terminals <sup>5</sup>						
Bay Ports .....	2.950	3.100	3.300	3.430	3.430	16.3%
St. Lawrence .....	2.100	2.200	2.300	2.400	2.470	17.6%
Atlantic .....	2.100	2.200	2.310	2.400	2.470	17.6%

<sup>1</sup> Receiving, weighing and delivering of grain.

<sup>2</sup> Sampling and grading of grain by an inspector and issuing of inspection certificate.

<sup>3</sup> Fees of Lake Shippers Clearance Association.

<sup>4</sup> Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.

<sup>5</sup> Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and officially weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

## PART IV OTHER OPERATIONS



### PROMOTIONAL ACTIVITIES

#### Market Development

There were two varietal evaluation programs offered to producers prior to the start of the 1986 growing season. These included TR212 (Ellice) Barley and Riel Oats. Varietal evaluation programs are implemented by the Wheat Board's Market Development Department to encourage the development of varieties with potential to expand market opportunities for western grain growers.

**TABLE 26**  
**WHEAT BOARD CONTRACT PROGRAMS IN 1986**

Variety	No. of Growers	Size of Contract	Total Acres	Delivery Opportunity
Ellice	84	60	5,040	if selected, full production 1,500 kilograms (69.0 bu./acre) for non-select delivery
Riel Oats	22	50	1,100	if selected, full production 1,300 kilograms (84.3 bu./acre) for non-select delivery

**Ellice** — is a two-row white aleurone malting barley (developed by Agriculture Canada Research Station, Winnipeg) which is adapted to Manitoba and eastern Saskatchewan, mainly because of its disease resistance. The Board expanded this program to a third year of plant scale testing to further evaluate its potential in both the domestic and export markets.

**Riel Oats** — was developed at the Agriculture Canada Research Station in Winnipeg, and is the first red (tan) oat variety licensed (May 10, 1985) for sale in Canada. Riel is a high-yielding variety with excellent test weight, high protein content and low hull content.

The milling industry expressed an interest in testing Riel Oats at the commercial level. Their primary concern was to have some experience with this new product prior to seed supplies being increased by the seed growers.

Because of the extremely limited seed supplies, the Board contracted with only 22 producers; 19 in Manitoba and three in Saskatchewan.

#### Sales Missions

Commissioners and other Board officials traveled to numerous countries during the year on sales and market development missions. These countries are listed by geographic area as follows:

**Africa and Middle East** — Algeria, Egypt, Ethiopia, Iraq, Nigeria, Saudi Arabia

**Asia** — Hong Kong, Indonesia, Japan, Malaysia, People's Republic of China, Singapore, South Korea, Taiwan

**Latin America** — Brazil, Colombia, Mexico, Venezuela

**Western Europe** — Belgium, Federal Republic of Germany, France, Italy, Malta, Netherlands, Portugal, Switzerland, United Kingdom

**Eastern Europe** — Bulgaria, Czechoslovakia, German Democratic Republic, Poland, U.S.S.R., Yugoslavia

#### Incoming Missions

The mission program during the year covered by this report saw senior government and grain trade officials visit Canada for the purpose of meeting with the Board and other grain organizations and, at the same time, gaining an insight into the operations of the grain trade by visits to all major areas of the industry. Missions from Brazil, Iraq, Mexico and Taiwan were sponsored by the Board.

Individuals and groups from a number of other countries also visited the Board's offices during the period under review. In addition to having meetings and discussions with them, the Board, in many instances, assisted in arranging their itineraries and programs.

The success of these visits must involve the cooperation of all segments of the grain industry. The Board gratefully acknowledges the invaluable support it has received from many levels of governments, universities, grain trade organizations and individuals.

#### Awards Programme

The Wheat Board's Awards Programme was initiated in 1976 to encourage young scientists to enter the field of grain research. The programme offers financial assistance to students in Colleges of Agriculture at the Universities of Alberta, Manitoba and Saskatchewan, and is funded from the Wheat Board's Special Account. A total of \$237,258 was awarded through this programme in the 1986 calendar year.

The awards are made on the basis of academic standing, and are keenly contested. At the graduate level, six new fellowships are awarded annually, each for a three-year duration. Some 30 scholarships are also given each year to third and fourth-year under-



graduate students. Under the programme, undergraduate students are also invited to apply for summer employment at the Board.

### Touring the Wheat Board

There were 43 groups totaling about 1,110 people who toured the Wheat Board's Winnipeg office during the 1985-86 crop year. There were 15 farm groups, 15 international groups, nine educational groups, and four others. They toured the major departments of the Board and operations in each area were discussed.

### CANADIAN INTERNATIONAL GRAINS INSTITUTE

The Canadian Wheat Board continued its active support of the Canadian International Grains Institute, jointly funding its operations with the federal government.

During the 1985-86 crop year, the Institute conducted three international and seven bilateral courses in grain marketing, handling and technology for representatives from Canada's current and potential grain customers. Seven domestic courses were also given for participants from the Canadian grain industry and farm community.

Further details of the Institute's activities are available in its own annual report.

Once again the Board wishes to commend the Institute for its many fine achievements and the continuing high calibre of its educational program.

### LEGAL SERVICES

The Board's Legal Department continued to provide legal assistance to the Board by drafting Regulations, handling estate files and demurrage claims, and providing legal opinions.

It also assisted with the collection of defaulted cash advance accounts under the Federal Government's Prairie Grain Advance Payments Act. There were 606 accounts referred to the Legal Department during the year for collection and 318 actions were taken in the Federal Court of Canada. This compares with 713 defaulted accounts referred to the Legal Department for collection in the previous crop year, in which 292 actions were taken.

Forty bankruptcy files were opened and attended to by the Legal Department, compared to 55 in the previous crop year, where producers entering bankruptcy had previously obtained advance payments which remained outstanding under the Prairie Grain Advance Payments Act.

A total of 43 convictions were obtained during the 1985-86 crop year for breaches of the Canadian Wheat Board Act and Regulations and the Prairie Grain Advance Payments Act. The convictions involved a total of 12 producers.

### OFFICERS AND STAFF

During the crop year under review, Dr. J. L. Leibfried resigned as Commissioner of the Canadian Wheat Board. Dr. Leibfried joined the Board as Economist in 1964 and was appointed Commissioner in 1975. In his years with the Wheat Board, he was instrumental in some major changes to the operations and direction of the organization. The Board would like to take this opportunity to give recognition and appreciation to Dr. Leibfried for the extensive knowledge and unique perspective he brought to his work.

Dr. B. T. Oleson was appointed Executive Director, Planning Directorate. Mr. D. Sagoo resigned from his position as Assistant Solicitor.

The following 17 staff members retired from the Canadian Wheat Board in 1985-86: Mrs. R. Anderson, Mrs. S. Cumming, Mr. J. English, Mrs. M. Erlendson, Miss J. Isleifson, Mr. L. Joyal, Miss A. Leitch, Mrs. M. MacIver, Miss E. Mulski, Mrs. A. Norris, Mrs. S. Ogelski, Mrs. A. Pismenny, Mrs. S. Plaza, Miss C. Shand, Mr. M. Sparrow, Mr. R. Tighe and Mr. W. Wells.

To those employees who retired or resigned during the year, the Board extends its gratitude for their years of valuable service and wishes them well in their future endeavours.

With sadness we record the deaths in 1985-86 of an employee, Mrs. G. Atamanchuk, and the following five pensioners: Mr. J. Edmondson, Mrs. M. Eichenberger, Mr. C. Eklund, Miss M. Murphy and Mrs. A. Pohl. They are greatly missed by all of us.

The number of permanent and temporary employees on July 31st of each of the last five years is indicated in Table 27.

**Table 27**  
**Number of Employees at July 31st**

Year	Permanent	Temporary	Total
1982	561	71	632
1983	544	72	616
1984	532	102	634
1985	510	82	592
1986	482	37	519



## **BOARD OFFICES**

The Canadian Wheat Board continued to operate branch offices in Montreal and Vancouver and overseas in Tokyo and London during the 1985-86 crop year. However, at the end of the year on July 31st, 1986, the Board's London office closed. The U.K. market will continue to be served directly from Winnipeg.

## **GUIDELINES ON CONFLICT OF INTEREST AND POST-EMPLOYMENT CONDUCT**

Effective December 1, 1986, The Canadian Wheat Board adopted guidelines on conflict of interest and post-employment conduct as required by the Federal Government pursuant to the Conflict of Interest Code which it established in respect of the public sector.

Under the guidelines adopted by the Board, employees of the Board are required to perform their official duties and arrange their private affairs in such a manner that public confidence and trust in the integrity, objectivity and impartiality of the Board are conserved and enhanced. Specific and detailed provisions ensure that employees have an obligation to act in a manner that will bear the closest objective scrutiny and to take such action as may be necessary to prevent real, potential or apparent conflicts of interest arising from their activities, while employed by the Board as well as after they leave the Board.

The full text of the Board's Code has been filed with the Assistant Deputy Registrar General, who is responsible for administering the Conflict of Interest Code adopted by the Federal Government, and may be obtained on request from the General Director of Personnel for The Canadian Wheat Board.





PART V  
ADVISORY COMMITTEE

The 1985-86 crop year continued with the Advisory Committee which took office in January, 1983, for a four-year term. The Committee consisted of the following members:

District	Name	Address
1	Mr. L. E. Parker	Ste. Agathe, Manitoba
2	Mr. B. McDonald	Strathclair, Manitoba
3	Mr. C. A. Hookensen	Kisbey, Saskatchewan
4	Mr. M.G.W. Halyk	Melville, Saskatchewan
5	Mr. H. Yelland	Porcupine Plain, Saskatchewan
6	Mr. R. R. Atkinson	Landis, Saskatchewan
7	Mr. A. K. Sahl	Mossbank, Saskatchewan
8	Mr. T. Strain	North Battleford, Saskatchewan
9	Mr. C. F. Thurston	Bow Island, Alberta
10	Mr. K. D. Galloway	Fort Saskatchewan, Alberta
11	Mr. H. A. Dechant	Fairview, Alberta

Mr. K. D. Galloway and Mr. M.G.W. Halyk continued in their roles as Chairman and Vice-Chairman, respectively, until the Committee's meeting on June 23, 1986. At that time the Committee reviewed these positions as required by the Canadian Wheat Board Act and Mr. Galloway and Mr. Halyk were reinstated.

The Advisory Committee held 10 meetings in Winnipeg during 1985-86 to review operational matters with the Board and discuss policy issues related to producers in Western Canada.

The Advisory Committee attended the Agricultural Outlook Conference in Ottawa on December 9-11, 1985. During that time the Committee also met with Mr. Mayer and a number of other government officials to discuss topics of mutual concern.

A number of issues were given considerable attention at the meetings throughout the year. Some of the key areas of concern were the American Farm Bill, U.S.-Canada trade negotiations, proposed amendments to the Prairie Grain Advance Payments Act, canola marketing, quota policy for non-Board grains and deficiency payments.

The Committee received various guests at its meetings during the year. Mr. Noel Honan, Assistant Secretary, Department of Primary Industry, Australia, visited with the Committee on October 29, 1985, to discuss relationships between farm organizations and government. On January 3, 1986, the Unprescribed Wheat Varieties Committee appointed by the federal government attended the meeting to obtain the Advisory Committee's views on the situation concerning unprescribed varieties. Mr. Art Guitard, the Chairman of the Unprescribed Varieties Committee,

returned on April 22, 1986, to further discuss some long-term options for resolving the situation.

The sub-committee consisting of Messrs. Halyk, Parker and Dechant, which was established the previous year to review the Advisory Committee's per diems, allowances and expenses, presented its report at the March 14, 1986, meeting. At that same meeting another sub-committee, comprised of Messrs. Galloway, Atkinson and McDonald, was struck for the purpose of traveling to Vancouver at the end of March to discuss the labour situation at the Prince Rupert grain terminal with labour and management officials.

For the tenth consecutive year, meetings with producers were held by the Wheat Board in the various Committee districts. The format was changed somewhat from previous years in that two meetings of shorter duration were held in each district. The formal presentation was limited, allowing more time for questions and answers.

The District Meetings were held in the following locations, with District 11 having four because of its size:

District	Location	1986 Date
1	Morden, Manitoba	March 3
	Grosse Isle, Manitoba	March 5
2	Deloraine, Manitoba	March 4
	Oakburn, Manitoba	March 4
3	Carlyle, Saskatchewan	March 5
	Fillmore, Saskatchewan	March 5
4	Melville, Saskatchewan	February 20
	Theodore, Saskatchewan	February 20
5	Nipawin, Saskatchewan	February 21
	Humboldt, Saskatchewan	February 21
6	Strasbourg, Saskatchewan	February 19
	Imperial, Saskatchewan	February 19
7	Limerick, Saskatchewan	March 6
	Mortlach, Saskatchewan	March 6
8	Turtleford, Saskatchewan	February 24
	Cutknife, Saskatchewan	February 24
9	Milk River, Alberta	February 27
	Bow Island, Alberta	February 27
10	Red Deer, Alberta	February 26
	Leduc, Alberta	February 26
11	Spirit River, Alberta	February 24
	High Prairie, Alberta	February 24
	Boyle, Alberta	February 25
	Dapp, Alberta	February 25

The Board would like to express its appreciation to the Committee for having, as always, provided dedicated assistance and guidance during the 1985-86 crop year.



# PART VI FINANCIAL RESULTS AND NOTES TO FINANCIAL STATEMENTS



The Financial Statements of the Canadian Wheat Board including notes thereto for the crop year under review are presented in this section of the report. These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1986, together with other statements (Exhibits II to X) showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts when marketing operations have been completed before the issuance of the annual report. Operations on the 1985-86 Pool Accounts for Amber Durum Wheat, Designated Oats, Barley and Designated Barley were completed on October 31, 1986, and for Wheat and Oats on November 30, 1986. Details of the final operating results of these pool

**TABLE A**

## STATEMENT OF OPERATIONS ON THE 1985-86 POOL ACCOUNT — WHEAT For the period August 1, 1985 to November 30, 1986 with prior year figures for the 1984-85 Pool Account for comparison

	1985-86 Pool Account		1984-85 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	<u>18 931 918 tonnes</u>		<u>16 192 572 tonnes</u>	
Sales value .....	\$2,911,676,378	\$153.797	\$3,181,675,758	\$196.490
Initial payments to producers .....	<u>2,762,203,255</u>	<u>145.902</u>	<u>2,722,955,091</u>	<u>168.161</u>
Gross Surplus .....	<u>149,473,123</u>	<u>7.895</u>	<u>458,720,667</u>	<u>28.329</u>
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	80,147,712	4.233	88,292,322	5.453
Terminal storage .....	<u>27,039,928</u>	<u>1.428</u>	<u>28,079,232</u>	<u>1.734</u>
Total Carrying Charges .....	<u>107,187,640</u>	<u>5.661</u>	<u>116,371,554</u>	<u>7.187</u>
Bank interest & net interest on other				
Board accounts .....	(2,674,500)	(.141)	12,300,778	.760
Demurrage .....	6,530,228	.345	(2,416,042)	(.149)
Additional freight - to terminals .....	8,087,425	.427	5,606,478	.346
- freight rate changes ..	(126,518)	(.006)	(2,608,292)	(.161)
Handling & stop-off .....	508,282	.027	1,055,877	.065
Drying .....	23,113,388	1.221	767,681	.047
Interest and depreciation on Wheat Board hopper cars .....	10,681,214	.564	10,170,355	.628
Wheat Board administrative expenses ....	<u>19,160,741</u>	<u>1.012</u>	<u>18,834,592</u>	<u>1.163</u>
Total Operating Costs .....	<u>172,467,900</u>	<u>9.110</u>	<u>160,082,981</u>	<u>9.886</u>
Surplus (Deficit) on Operations .....	<u>\$( 22,994,777)</u>	<u>\$( 1.215)</u>	298,637,686	18.443
Add: Interest earned after				
September 30 .....			7,590,715	.469
Deduct: Cost of issuing final payment ....			<u>144,422</u>	<u>.009</u>
Surplus for Distribution to Producers .....			<u>\$ 306,083,979</u>	<u>\$ 18.903</u>



accounts with commentary thereon are presented in this section of the report.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of Wheat, 64.84183 bushels of Oats or 45.92963 bushels of Barley.

## POOL ACCOUNT — WHEAT

### Initial Payments

During the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of \$160.00 per tonne for No. 1 Canada Western Red Spring.

### Supplies of Wheat

Supplies of wheat in the 1985-86 Pool were 21 728 221 tonnes, comprised of 18 931 918 tonnes delivered by producers, 153 256 tonnes acquired from other than producers and 2 643 047 tonnes purchased from the previous pool.

### Grade Pattern

Deliveries of grain to the 1985-86 Pool Account were of substantially lower quality compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 9.659 million tonnes or 51.02 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 5.524 million tonnes amounted to 29.18 per cent of total receipts. Deliveries of Utility grades including Canada

Feed amounted to 2.026 million tonnes or 10.70 per cent of total producer deliveries. Approximately 19.32 per cent of producer deliveries graded tough while 3.92 per cent graded damp.

## Final Statement of Operations — Wheat — Table A

Marketing operations on the Pool Account for Wheat resulted in a deficit of \$22,994,777 which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is therefore equal to the initial payments as shown in Table B.

### OPERATING COSTS

Operating costs incurred applicable to the pool were \$172,467,900 or \$9.110 per tonne. Details of the principal costs and comment thereon follow:

### Carrying Charges — \$107,187,640

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators amounted to \$107,187,640 or \$5.661 per tonne.

### Bank Interest and Net Interest on Other Board Accounts — (\$2,674,500)

This consists mainly of bank interest and interest paid to or received from other Board accounts. Interest earned, exceeded interest paid by \$2,674,500 or \$.141 per tonne.

**TABLE B**  
**PAYMENT RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF WHEAT**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments (dollars per tonne)
<b>Red Spring Wheat Grades</b>	
No. 1 Canada Western Red Spring .....	160.00
No. 2 Canada Western Red Spring .....	154.21
No. 3 Canada Western Red Spring .....	146.21
No. 1 Canada Utility .....	142.21
No. 2 Canada Utility .....	128.21
Canada Feed .....	121.00
No. 1 Canada Western Red Winter .....	145.21
No. 2 Canada Western Red Winter .....	143.21
No. 1 Canada Western Soft White Spring .....	132.00
No. 2 Canada Western Soft White Spring .....	129.00



**Additional Freight — to Terminals — \$8,087,425  
— Freight Rate Change — (\$126,518)**

During the crop year the Board paid \$8,087,425 of additional freight arising out of the movement of grain in adverse direction.

With the abolition of the Crows Nest Pass Freight rate on December 31, 1983, freight rates are reviewed annually under the Western Grain Transportation Act. On August 1, 1986, freight rates declined by approximately \$.02 per tonne and the Board collected the resulting freight saved on the country stocks held by its agents on August 1, 1986, amounting to \$126,518 in the Wheat Account.

**Drying Charges — \$23,113,388**

Drying charges for 1985-86 totaled \$23,113,388, a very significant increase from the previous year, reflecting the substantial quantities of tough and damp grain delivered to the pool under review.

**Interest and Depreciation on Wheat Board  
Hopper Cars — \$10,681,214**

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest. Hopper car expenses attributable to the 1985-86 Wheat Account totaled \$10,681,214 compared to \$10,170,355 for the previous pool.

**POOL ACCOUNT — AMBER DURUM WHEAT**

**Initial Payments**

During the crop year the Board was authorized to purchase Amber Durum Wheat from producers at a fixed initial price of \$160.00 per tonne for No. 1 Canada Western Amber Durum Wheat.

**Supplies of Amber Durum Wheat**

Supplies of Amber Durum Wheat in the 1985-86 Pool were 1 812 922 tonnes, comprised of 1 685 977 tonnes delivered by producers, 7 299 tonnes acquired from other than producers and 119 646 tonnes purchased from the previous pool.

**Grade Pattern**

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 1.414 million tonnes or 83.85 per cent of total producer deliveries. Approximately 19.09 per cent of producer deliveries graded tough while 2.29 per cent graded damp.

**Final Statement of Operations and Surplus for  
Distribution to Producers — Amber Durum Wheat  
— Table C**

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of \$25,466,720. Operating expenses totaled \$14,264,055 for the year or \$8.460 per tonne. The principal cost was carrying charges amounting to \$9,292,325 or \$5.511 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1986, the net surplus for distribution to producers was \$26,008,379. This represents an overall average of \$15.426 per tonne on producer deliveries of 1 685 977 tonnes. Table D shows the total payment received by producers for the principal grades of Amber Durum Wheat delivered during the crop year. This table shows the total price realized by producers for No. 1 Canada Western Amber Durum Wheat of \$181.302 per tonne, compared to \$204.853 per tonne for the previous pool.

**POOL ACCOUNT — OATS**

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described herein consist mainly of marketing results related to feeding grades of oats.

**Initial Payments**

During the crop year the Board was authorized to purchase oats from producers at a fixed initial price of \$100.00 per tonne for No. 1 Feed Oats.

**Grade Pattern**

Deliveries of Nos. 1 and 2 Canada Western Oats comprised .16 per cent of producer deliveries with feeding grades constituting the remaining 99.84 per cent of total receipts. Board receipts of tough and damp oats made up 11.20 per cent of deliveries.

**Final Statement of Operations — Oats — Table E**

Table E shows the operating results of the Pool Account for the 1985 - 86 crop year. Marketing operations resulted in a deficit of \$6,919,810 which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is therefore equal to the initial





**TABLE C**  
**STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS**  
**ON THE 1985-86 POOL ACCOUNT — AMBER DURUM WHEAT**  
**For the period August 1, 1985 to October 31, 1986**  
**with prior year figures for the 1984-85 Pool Account for comparison**

	<u>1985-86 Pool Account</u>		<u>1984-85 Pool Account</u>	
	<u>Amount</u>	<u>Rate per Tonne</u>	<u>Amount</u>	<u>Rate per Tonne</u>
Receipts from Producers .....	<u>1 685 977 tonnes</u>		<u>1 786 421 tonnes</u>	
Sales value .....	\$296,715,755	\$175.990	\$376,051,666	\$210.506
Initial payments to producers .....	<u>256,984,980</u>	<u>152.425</u>	<u>319,040,593</u>	<u>178.592</u>
Gross Surplus .....	<u>39,730,775</u>	<u>23.565</u>	<u>57,011,073</u>	<u>31.914</u>
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	6,528,593	3.872	7,863,782	4.402
Terminal storage .....	<u>2,763,732</u>	<u>1.639</u>	<u>4,096,695</u>	<u>2.293</u>
Total Carrying Charges .....	<u>9,292,325</u>	<u>5.511</u>	<u>11,960,477</u>	<u>6.695</u>
Interest .....	( 1,439,525)	(.854)	2,045,742	1.145
Demurrage .....	888,837	.527	( 1,748,659)	(.979)
Additional freight - to terminals .....	201,681	.120	239,158	.134
- freight rate changes ..	(1,024)	(.001)	(115,901)	(.065)
Handling & stop-off .....	916,763	.544	—	—
Drying .....	1,819,147	1.079	8,037	.005
Interest and depreciation on Wheat Board hopper cars .....	951,213	.564	1,122,027	.628
Wheat Board administrative expenses ....	<u>1,634,638</u>	<u>.970</u>	<u>2,077,897</u>	<u>1.163</u>
Total Operating Costs .....	<u>14,264,055</u>	<u>8.460</u>	<u>15,588,778</u>	<u>8.726</u>
Surplus on Operations .....	25,466,720	15.105	41,422,295	23.188
Add: Interest earned after October 31 (1984-85 September 30) .....	576,261	.342	1,052,864	.589
Deduct: Cost of issuing final payment ....	<u>34,602</u>	<u>.021</u>	<u>26,164</u>	<u>.015</u>
Surplus for Distribution to Producers .....	<u>\$ 26,008,379</u>	<u>\$ 15.426</u>	<u>\$ 42,448,995</u>	<u>\$ 23.762</u>

**TABLE D**  
**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADE OF AMBER DURUM WHEAT**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

<u>Grade</u>	<u>Initial Payments</u>	<u>Final Payments</u>	<u>Total</u>
		(dollars per tonne)	
<b>Amber Durum Wheat Grades</b>			
No. 1 Canada Western Amber Durum .....	160.00	21.302	181.302
No. 2 Canada Western Amber Durum .....	157.21	19.092	176.302
No. 3 Canada Western Amber Durum .....	155.21	16.092	171.302
No. 4 Canada Western Amber Durum .....	139.21	.216	139.426
No. 5 Canada Western Amber Durum .....	121.00	—	121.000



payments as shown in Table F. Operating expenses totaled \$2,529,336 or \$12.748 per tonne. The principal cost was carrying charges amounting to \$1,595,882 or \$8.043 per tonne.

#### POOL ACCOUNT — DESIGNATED OATS

Beginning with the crop year commencing on August 1, 1981, oats that have been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the oats for use in processing and milling for human consumption, have been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

#### Initial Payments

During the crop year the Board was authorized to purchase Designated Oats from producers at fixed initial prices of \$130.00 and \$128.00 per tonne for Nos. 1 and 2 Canada Western Oats respectively and \$124.00 per tonne for No. 1 Feed Oats.

#### Supplies and Grade Pattern

Supplies of oats in the designated pool were 36 714 tonnes representing deliveries to the Board by producers during the crop year of oats which were selected and accepted by purchasers for use in processing and milling for human consumption. Receipts of Nos. 1 and 2 Canada Western Oats totaled 21 064 tonnes or 57.37 per cent of total deliveries. Feeding grades totaled 15 650 tonnes or 42.63 per cent of total receipts.

TABLE E

#### STATEMENT OF OPERATIONS ON THE 1985-86 POOL ACCOUNT — OATS For the period August 1, 1985 to November 30, 1986 with prior year figures for the 1984-85 Pool Account for comparison

	1985-86 Pool Account		1984-85 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	198 411 tonnes		54 639 tonnes	
Sales value .....	\$15,223,979	\$76.729	\$6,691,733	\$122.472
Initial payments to producers .....	19,614,453	98.857	5,416,401	99.131
Gross Surplus (Deficit) .....	( 4,390,474)	(22.128)	1,275,332	23.341
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	1,056,922	5.327	285,692	5.229
Terminal storage .....	538,960	2.716	194,177	3.554
Total Carrying Charges .....	1,595,882	8.043	479,869	8.783
Interest .....	236,658	1.193	3,410	.062
Demurrage .....	37,344	.188	—	—
Additional freight - to terminals .....	147,068	.741	98,106	1.796
- freight rate changes ..	17,206	.087	(84,660)	( 1.550)
Drying Charges .....	171,454	.864	—	—
Interest & depreciation on Wheat				
Board hopper cars .....	111,942	.564	34,318	.628
Wheat Board administrative expenses .....	211,782	1.068	68,867	1.260
Total Operating Costs .....	2,529,336	12.748	599,910	10.979
Surplus (Deficit) on Operations .....	\$( 6,919,810)	\$(34.876)	675,422	12.362
Add: Interest earned after November 15 ..			17,168	.314
Deduct: Cost of issuing final payment .....			4,218	.077
Surplus for Distribution to Producers .....			\$ 688,372	\$ 12.599





**Final Statement of Operations and Surplus for  
Distribution to Producers — Designated Oats —  
Table G**

Table G shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$635,944. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature, does not incur the handling

expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses incurred attributable to such oats were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$56,310 or \$1.534 per tonne. These expenses were more than

**TABLE F**  
**PAYMENT RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF OATS**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

Grade	Initial Payments (dollars per tonne)
No. 1 Canada Western .....	106.00
No. 2 Canada Western .....	104.00
Extra No. 1 Feed .....	102.00
No. 1 Feed .....	100.00
No. 2 Feed .....	95.92

**TABLE G**  
**STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS**  
**ON THE 1985-86 POOL ACCOUNT — DESIGNATED OATS**  
**For the period August 1, 1985 to October 31, 1986**  
**with prior year figures for the 1984-85 Pool Account for comparison**

	1985-86 Pool Account		1984-85 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers .....	36 714 tonnes		44 219 tonnes	
Sales value .....	\$5,269,109	\$143.518	\$6,858,685	\$155.108
Initial Payments to producers .....	4,644,373	126.502	6,061,679	137.084
Gross Surplus .....	624,736	17.016	797,006	18.024
Deduct Operating Costs:				
Interest and bank charges .....	(67,518)	( 1.839)	(95,397)	( 2.157)
Interest & depreciation on Wheat Board hopper cars .....	20,714	.564	27,773	.628
Wheat Board administrative expenses .....	35,596	.970	51,434	1.163
Total Operating Costs .....	(11,208)	(.305)	(16,190)	(.366)
Surplus on Operations .....	635,944	17.321	813,196	18.390
Add: Interest earned after October 31 (1984-85 September 30) .....	14,390	.392	20,670	.468
Deduct: Cost of issuing final payment .....	838	.022	664	.015
Surplus for Distribution to Producers .....	\$ 649,496	\$ 17.691	\$ 833,202	\$ 18.843



offset by interest earnings of \$67,518 or \$1.839 per tonne on the accumulating surplus in the pool. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to October 31, 1986, the net surplus for distribution to producers was \$649,496 or \$17.691 per tonne on producer deliveries of 36 714 tonnes. Table H shows the total payment received by producers for the principal grades of Designated Oats delivered during the crop year.

### POOL ACCOUNT — BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for the use of malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

#### Initial Payments

At the beginning of the crop year the Board was authorized to purchase barley from producers at a fixed initial price of \$110.00 per tonne for No. 1 Feed Barley.

#### Supplies and Grade Pattern

Supplies in the regular Feed Barley pool were 5 446 720 tonnes comprised of 4 947 005 tonnes delivered by producers, 18 862 tonnes acquired from other than producers and 480 853 tonnes purchased from the previous pool. Deliveries of Nos. 1 and 2 Feed Barley comprised 93.23 per cent of the producer deliveries in the pool. Board receipts of tough and damp barley made up 4.40 per cent of deliveries.

### Final Statement of Operations — Barley — Table I

Table I shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a deficit of \$171,370,689 which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is therefore equal to the initial payments as shown in Table J. Operating expenses totaled \$38,734,279 for the year or \$7.830 per tonne. The principal cost was carrying charges amounting to \$14,579,769 or \$2.947 per tonne.

### POOL ACCOUNT — DESIGNATED BARLEY

As stated previously, since August 1, 1975, barley that has been delivered to the Board to be sold by the Board to purchasers who have selected and accepted the barley for the use of malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

#### Initial Payments

At the beginning of the crop year the Board was authorized to purchase Designated Barley from producers at a fixed initial price of \$155.00 per tonne for No. 2 Canada Western Six-Row and \$165.00 per tonne for No. 2 Canada Western Two-Row.

#### Supplies and Grade Pattern

Supplies of barley in the designated pool were 645 255 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for

TABLE H

### TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED OATS BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments (dollars per tonne)	Total
<b>Oats Grades</b>			
No. 1 Canada Western .....	130.00	20.249	150.249
No. 2 Canada Western .....	128.00	20.249	148.249
Extra No. 1 Feed .....	126.00	15.749	141.749
No. 1 Feed .....	124.00	13.749	137.749



**TABLE I**  
**STATEMENT OF OPERATIONS ON THE 1985-86 POOL ACCOUNT — BARLEY**  
**For the period August 1, 1985 to October 31, 1986**  
**with prior year figures for the 1984-85 Pool Account for comparison**

	<u>1985-86 Pool Account</u>		<u>1984-85 Pool Account</u>	
	<u>Amount</u>	<u>Rate per Tonne</u>	<u>Amount</u>	<u>Rate per Tonne</u>
Receipts from Producers .....	<u>4 947 005 tonnes</u>		<u>3 068 472 tonnes</u>	
Sales value .....	\$406,487,805	\$ 82.169	\$414,730,903	\$135.159
Initial payments to producers .....	<u>539,124,215</u>	<u>108.980</u>	<u>382,262,408</u>	<u>124.578</u>
Gross Surplus (Deficit) .....	<u>(132,636,410)</u>	<u>( 26.811)</u>	<u>32,468,495</u>	<u>10.581</u>
Deduct Operating Costs:				
Carrying charges:				
Country elevators .....	10,622,501	2.147	4,724,253	1.540
Terminal storage .....	<u>3,957,268</u>	<u>.800</u>	<u>3,356,581</u>	<u>1.094</u>
Total Carrying Charges .....	<u>14,579,769</u>	<u>2.947</u>	<u>8,080,834</u>	<u>2.634</u>
Interest .....	5,593,975	1.131	( 1,306,516)	(.426)
Demurrage .....	975,328	.197	(449,348)	(.147)
Additional freight - to terminals .....	2,165,184	.438	1,897,338	.618
- freight rate changes ..	19,309	.004	(893,639)	(.291)
Handling and stop-off .....	1,703,300	.344	(52,098)	(.017)
Drying .....	6,109,994	1.235	628,571	.205
Interest & depreciation on Wheat				
Board hopper cars .....	2,791,055	.564	1,927,267	.628
Wheat Board administrative expenses ....	<u>4,796,365</u>	<u>.970</u>	<u>3,569,130</u>	<u>1.163</u>
Total Operating Costs .....	<u>38,734,279</u>	<u>7.830</u>	<u>13,401,539</u>	<u>4.367</u>
Surplus (Deficit) on Operations .....	<u>\$(171,370,689)</u>	<u>\$ (34.641)</u>	19,066,956	6.214
Add: Interest earned after				
September 30 .....			484,640	.158
Deduct: Cost of issuing final payment ....			<u>53,892</u>	<u>.018</u>
Surplus for Distribution to Producers .....			<u>\$ 19,497,704</u>	<u>\$ 6.354</u>

**TABLE J**  
**PAYMENT RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF BARLEY**  
**BASIS IN STORE THUNDER BAY OR VANCOUVER**

<u>Grade</u>	<u>Initial Payments</u> (dollars per tonne)
<b>Barley Grades</b>	
No. 1 Canada Western Six-Row .....	112.93
No. 2 Canada Western Six-Row .....	111.93
No. 2 Canada Western Two-Row .....	111.93
No. 1 Feed .....	110.00
No. 2 Feed .....	107.43



the use of malting, pot or pearling. Of these receipts, 342 421 tonnes or 53.07 per cent were row grades and 302 834 tonnes or 46.93 per cent were feeding grades. Receipts of tough and damp grades totaled 46 921 tonnes or 7.27 per cent of total.

#### Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table K

Table K shows the operating results of this pool account for the crop year. Marketing operations resulted in a surplus of \$21,213,932. As to operating costs, it should be noted that the Designated Barley Pool by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's sample and is shipped on buyer's call directly from farm to processing plant via the country elevator. As

a result the only expenses incurred attributable to such barley were costs related to hopper cars owned by the Wheat Board and administrative charges totaling \$989,653 or \$1.534 per tonne. These expenses were more than offset by interest earnings of \$2,036,919 or \$3.157 per tonne on the accumulating surplus in the pool. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to October 31, 1986, the net surplus for distribution to producers was \$21,683,836 or \$33.605 per tonne on producer deliveries of 645 255 tonnes. This is compared to \$25,284,020 or \$35.501 per tonne for the previous year. Table L shows the total payment received by producers for the principal grades of Designated Barley. The final return to producers for deliveries of No. 2 Canada Western Six-Row and No. 2 Canada Western Two-Row was \$183.395 and \$203.395 respectively, compared to \$188.937 and \$199.401 for these two grades respectively in the previous pool.

TABLE K

#### STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1985-86 POOL ACCOUNT — DESIGNATED BARLEY For the period August 1, 1985 to October 31, 1986 with prior year figures for the 1984-85 Pool Account for comparison

	1985-86 Pool Account		1984-85 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
	645 255 tonnes		712 195 tonnes	
Receipts from Producers .....				
Sales value .....	\$121,925,659	\$188.957	\$135,116,236	\$189.718
Initial payments to producers .....	101,758,993	157.703	111,703,201	156.844
Gross Surplus .....	20,166,666	31.254	23,413,035	32.874
Deduct Operating Costs:				
Interest .....	( 2,036,919)	( 3.157)	( 2,527,411)	( 3.549)
Interest & depreciation on Wheat Board hopper cars .....	364,047	.564	447,320	.628
Wheat Board administrative expenses .....	625,606	.970	828,398	1.163
Total Operating Costs .....	(1,047,266)	(1.623)	(1,251,693)	(1.758)
Surplus on Operations .....	21,213,932	32.877	24,664,728	34.632
Add: Interest earned after October 31 (1984-85 September 30) .....	480,029	.744	626,923	.880
Deduct: Cost of issuing final payment .....	10,125	.016	7,631	.011
Surplus for Distribution to Producers .....	\$ 21,683,836	\$ 33.605	\$ 25,284,020	\$ 35.501





TABLE L

**TOTAL PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED BARLEY  
BASIS IN STORE THUNDER BAY OR VANCOUVER**

<u>Grade</u>	<u>Initial Payments</u>	<u>Final Payments</u> (dollars per tonne)	<u>Total</u>
<b>Designated Barley Grades</b>			
No. 1 Canada Western Six-Row .....	156.27	28.125	184.395
No. 2 Canada Western Six-Row .....	155.00	28.395	183.395
No. 1 Canada Western Two-Row .....	166.27	38.125	204.395
No. 2 Canada Western Two-Row .....	165.00	38.395	203.395
No. 1 Feed Six-Row .....	151.77	29.125	180.895
No. 1 Feed Two-Row .....	161.77	39.125	200.895
No. 2 Feed Six-Row .....	149.77	27.725	177.495
No. 2 Feed Two-Row .....	159.77	37.725	197.495





## NOTES TO FINANCIAL STATEMENTS

The following are an integral part of the financial statements.

### (1) ACCOUNTING POLICIES

#### (a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31 when marketing operations have been completed before the issuance of the annual report for that year. In determining the financial results for such pools the accounts of the Board at July 31 include:

- (i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and
- (ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

For pool accounts for which marketing operations have not been completed before the issuance of the annual report, the unsold stocks at July 31 are valued at cost, which is the initial price paid to producers, and no provision is made for carrying costs, interest, and administrative expenses beyond that date. Any debit or credit balance in these accounts is carried on the balance sheet.

#### (b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date, as is also the liability for debentures repayable in United States funds.

Foreign exchange adjustments arising from conversion of bills of exchange and bank loans are included in operating results. Adjustments arising from conversion of debenture

debt are amortized over the term of the debentures.

#### (c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over their expected lives and are as follows:

Hopper cars .....	30 years
Office building .....	40 years
Office furniture and equipment ....	10 years
Automotive equipment .....	2 years
(to $\frac{1}{3}$ residual value)	

#### (d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers, are allocated to the various pool account operations to which the services relate on the basis of the relative tonnage. Expenses attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

### (2) BILLS OF EXCHANGE PLUS ACCRUED INTEREST

Of the total bills of exchange receivable, \$1,348,265,483 (1985 — \$1,499,477,966) represents the Canadian equivalent of \$976,791,627 (1985 — \$1,111,053,626) repayable in United States funds.

The balances receivable arise from sales of grain to Brazil, Egypt, German Democratic Republic, Haiti, Iraq, Israel, Jamaica, Mexico, Peru, Poland and Zambia. The terms call for payment in full within 36 months or less from time of shipment, except for Brazil, Haiti, Jamaica, Peru, Poland and Zambia where the Board, together with the Canadian Government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within 10 years. As at July 31, total reschedulings amounted to \$459,164,319 including \$35,913,045 which is the Canadian equivalent of \$26,032,957 receivable in United States currency.

As at July 31, 1986, amounts due and unpaid from Poland total \$1,927,274,624 which includes the Canadian equivalent of \$761,301,738 receivable in U.S. funds. Subsequent to the year end, the Board together with the Government of



Canada concluded a bilateral rescheduling agreement with the Government of the Polish People's Republic, rescheduling all amounts matured and unpaid together with interest accrued thereon for the period January 1, 1982, to December 31, 1984, amounting to \$1,453,356,541 which includes the Canadian equivalent of \$539,059,681 receivable in U.S. funds. In accordance with a multilateral arrangement reached between Poland and official creditors, Poland is presently in the process of negotiating a further rescheduling for amounts matured and unpaid during calendar year 1985 amounting to \$181,851,468 which includes the Canadian equivalent of \$121,752,728 receivable in U.S. funds. The balance of amounts due and unpaid totalling \$292,066,615 which includes the Canadian equivalent of \$100,489,329 receivable in U.S. funds represents accrued interest and principal unpaid on the 1981 rescheduled debt, interest accrued and unpaid on the 1982-84 and 1985 debt. While certain repayment terms are specified in the 1982-84 bilateral Rescheduling Agreement with respect to the interest accrued in 1985 and 1986 on this debt, this interest is not included in the principal portion of the rescheduled debt.

During the crop year the Government of Canada and other creditor nations agreed to a further deferral of certain Zambian obligations that had earlier been rescheduled. The bilateral agreement to reschedule payments due and not paid as at December 31, 1985, and due and not paid for the period January 1, 1986, to December 31, 1986, has yet to be negotiated. The accounts of the Board at July 31, 1986, include \$10,312,331 which may be subject to this rescheduling.

Subsequent to the year-end the Government of Canada and other creditor nations agreed with Brazil to reschedule over a six-year period certain obligations due and unpaid for the period January 1, 1985, to December 31, 1986. The accounts of the Board at July 31, 1986, include \$173,699,989 which will be subject to this rescheduling.

Subsequent to the year-end the Government of Canada and other creditor nations agreed to reschedule over a nine-year period certain obligations owing by Mexico. The accounts of the Board at July 31, 1986, include \$6,683,517 which is the Canadian equivalent of \$4,842,076 receivable in United States funds which would be subject to such a rescheduling agreement.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest. Because of these Guarantees the Board does not consider itself to be at risk should any of the unpaid amounts prove to be uncollectable; therefore, no provision is made in its accounts with respect to the possibility of debtors defaulting on their obligations.

### (3) ACCOUNTS RECEIVABLE

Settlement on amounts due on sales completed as at July 31 were received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

### (4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of \$90,555,623. Of these 2,000 cars, 29 cars have been wrecked and dismantled leaving 1,971 still in the fleet having an original cost of \$89,242,566 with accumulated depreciation of \$19,338,509 to July 31, 1986. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

### (5) LIABILITY TO BANKS

Details of liability to banks are as follows:

	July 31	
	1986	1985
Ordinary operations	\$367,538,849	\$224,554,171
Loans to finance credit sales	<u>3,516,739,651</u>	<u>3,683,799,803</u>
	<u>\$3,884,278,500</u>	<u>\$3,908,353,974</u>

Of the total liability \$1,344,002,480 (1985 — \$1,498,429,431) represents the Canadian equivalent of \$973,703,166 (1985 — \$1,110,276,698) repayable in United States funds.

The Board's borrowings are guaranteed by the Government of Canada.

### (6) DEBENTURES PAYABLE

The debentures with a face value of U.S. \$50,000,000 were issued on December 1, 1982, at a price of \$99.50 per \$100, and bear interest at 11 ¼ per cent per annum payable each December 1. No principal repayments are required until maturity on December 1, 1990. Under certain circumstances the Board may redeem the



debentures in whole or in part prior to maturity. Depending upon the particular circumstances giving rise to any early redemption, a premium may be payable on the principal amount redeemed.

The debentures are secured by a charge against grain held by the Board.

**(7) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS**

Grain companies acting in the capacity of agents of the Board accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its Agents at terminal or mill position. Liability to agents amounting to \$962,151,232 (1985 — \$570,996,143) represents the amount payable by the Board to its agents for 6 961 181 (1985 — 3 600 606) tonnes of wheat, amber durum wheat, oats and barley on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year-end date.

**(8) LIABILITY TO AGENTS FOR DEFERRED CASH TICKETS**

Grain companies as agents of the Board deposit with the Board in trust the proceeds of deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer deferred cash tickets maturing predominately during the first days of the following calendar year.

**(9) ACCRUED EXPENSES AND ACCOUNTS PAYABLE**

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1986, together with all other unpaid sundry accounts as at the foregoing date.

It also includes provisions for all charges relating to the marketing of Pool Accounts for Amber Durum Wheat, Designated Oats, Barley and Designated Barley for the period from August 1, 1986, to completion of operations on October 31, 1986, and for Wheat and Oats for the period from August 1, 1986, to completion of operations on November 30, 1986.

**(10) SPECIAL ACCOUNT — NET BALANCE OF UNDISTRIBUTED PAYMENT ACCOUNTS**

In accordance with the provision of Section 30 of the Canadian Wheat Board Act the Governor in Council may authorize the Board to transfer to a Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council upon the recommendations of the Board may deem to be for the benefit of producers.

**(11) PROVISION FOR FINAL PAYMENT EXPENSES**

This represents the balance of the Board's reserve for final payment expenses of pool accounts that have been closed. Six years after particular accounts have been closed, the remaining reserves for these pools are transferred to the special account by Order-in-Council.

**(12) LEASE COMMITMENTS**

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the Government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1986, amounting to \$16,809,962 (1985 — \$16,728,906) have been recovered by the Board. Lease terms are for 20 and 25 years.





## ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS  
Chief Commissioner

R. L. KRISTJANSON  
Assistant Chief Commissioner

F. M. HETLAND  
Commissioner

W. H. SMITH  
Commissioner



**1 METRIC TONNE (For All Grains) ..... 2,204.6226 pounds**

**1 Metric Tonne = Bushels**

Wheat .....	36.743 710
Durum Wheat .....	36.743 710
Oats .....	64.841 841
Barley .....	45.929 638
Rye .....	39.368 261
Flaxseed .....	39.368 261
Rapeseed .....	44.092 452
Corn .....	39.368 261





## **INDEX TO FINANCIAL STATEMENTS**

**July 31, 1986**

### **Exhibit I**

Balance Sheet

### **Exhibit II**

Statement of Operations, 1985-86 Pool Account —  
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### **Exhibit III**

Statement of Operations, 1985-86 Pool Account —  
Amber Durum Wheat

### **Exhibit IV**

Statement of Operations, 1985-86 Pool Account —  
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### **Exhibit V**

Statement of Operations, 1985-86 Pool Account —  
Designated Oats

### **Exhibit VI**

Statement of Operations, 1985-86 Pool Account —  
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### **Exhibit VII**

Statement of Operations, 1985-86 Pool Account —  
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### **Exhibit VIII**

Statement of Administrative and General Expenses  
and Allocations to Operations for the Year ended  
July 31, 1986

### **Exhibit IX**

Statement of Advance Payments to Producers under  
the Prairie Grain Advance Payments Act

### **Exhibit X**

Statement of Special Account Transactions

## **AUDITOR'S REPORT**



## BALANCE SHEET AS AT JULY 31, 1986

(with prior year figures for comparison)

	<u>1986</u>	<u>1985</u>
<b>ASSETS</b>		
Stocks of grain:		
— Wheat .....	\$ 983,030,499	\$1,162,910,405
— Durum .....	69,281,906	80,190,344
— Oats .....	10,643,612	3,556,023
— Designated Oats .....	216,145	109,682
— Barley .....	159,086,431	98,237,385
— Designated Barley .....	13,809,239	10,117,349
	<hr/> 1,236,067,832	<hr/> 1,355,121,188
Bills of exchange plus accrued interest (Note 2) .....	3,552,049,345	3,691,148,705
Accounts receivable (Note 3)		
Amounts Due on completed sales .....	102,178,934	20,182,068
Sundry .....	43,108,832	49,498,523
Prairie Grain Advance Payments Act .....	16,101,510	5,438,408
Due from the Government of Canada re deficit on Pool Account		
Operations:		
1985-86 Pool Account — Wheat .....	22,994,777	—
— Oats .....	6,919,810	—
— Barley .....	171,370,689	—
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation .....	1,941,914	2,052,051
Covered hopper cars, at cost less depreciation (Note 4) .....	69,904,057	73,137,536
Office furniture, equipment and automobiles, at cost less depreciation ..	1,084,679	1,048,458
Deferred and prepaid expenses .....	10,682,075	12,430,376
	<hr/> <u>\$5,234,404,454</u>	<hr/> <u>\$5,210,057,313</u>

# THE CANADIAN WHEAT BOARD



	1986	1985
<b>LIABILITIES</b>		
Liability to Banks (Note 5).....	\$3,884,278,500	\$3,908,353,974
Debentures payable (Note 6).....	69,015,000	67,480,000
Liability to agents for grain purchased from producers (Note 7).....	962,178,232	570,996,143
Liability to agents for deferred cash tickets (Note 8).....	144,884,269	146,494,799
Accrued expenses and accounts payable (Note 9).....	114,614,257	118,394,334
Outstanding adjustment and final payment cheques to producers:		
— Wheat .....	355,645	595,517
— Durum .....	55,415	37,847
— Oats .....	2,186	5,639
— Designated Oats .....	391	1,426
— Barley .....	73,752	26,462
— Designated Barley .....	15,955	21,831
Special Account — net balance of undistributed payment accounts (Note 10).....	4,174,428	5,171,556
Provision for final payment expenses (Note 11).....	7,439,828	7,197,503
Surpluses resulting from operations:		
Pool Account:		
— Wheat .....	—	298,637,686
— Durum .....	25,466,720	41,422,294
— Oats .....	—	675,422
— Designated Oats .....	635,944	813,196
— Barley .....	—	19,066,956
— Designated Barley .....	21,213,932	24,664,728
	<u>\$5,234,404,454</u>	<u>\$5,210,057,313</u>



1985-86 POOL ACCOUNT — WHEAT

For the period August 1, 1985, to completion of operations on November 30, 1986  
(with prior year figures for the 1984-85 Pool Account for comparison)

Wheat acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Wheat .....

Wheat sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Wheat .....

Surplus on Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Wheat stored in country elevators .....  
Storage on Wheat stored in terminal elevators .....

Interest, bank charges and net interest on other Board accounts .....  
Demurrage .....  
Additional freight — Wheat shipped from country stations to terminal position .....  
— freight rate changes .....  
Handling and stop-off on Wheat warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

(Deficit) Surplus on operations of the Board on the Pool Account—Wheat, for the period from  
August 1, 1985, to November 30, 1986 (1984-85 September 30, 1985) .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1985-86</u>		<u>1984-85</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
18 931 918	\$2,762,203,255	16 192 572	\$2,722,955,091
153 256	22,701,518	93 765	15,823,780
2 643 047	485,321,721	482 460	84,511,290
<u>21 728 221</u>	<u>3,270,226,494</u>	<u>16 768 797</u>	<u>2,823,290,161</u>
1 356 661		1 171 699	
12 522 048		9 316 116	
96 067		5 672	
<u>13 974 776</u>	2,436,669,118	<u>10 493 487</u>	2,119,100,423
470 329		258 172	
5 421 659		3 374 091	
1 861 457		2 643 047	
7 753 445	983,030,499	6 275 310	1,162,910,405
<u>21 728 221</u>	<u>3,419,699,617</u>	<u>16 768 797</u>	<u>3,282,010,828</u>
	149,473,123		458,720,667
	80,147,712		88,292,322
	27,039,928		28,079,232
	107,187,640		116,371,554
	(2,674,500)		12,300,778
	6,530,228		(2,416,042)
	8,087,425		5,606,478
	(126,518)		(2,608,292)
	508,282		1,055,877
	23,113,388		767,681
	10,681,214		10,170,355
	19,160,741		18,834,592
	<u>172,467,900</u>		<u>160,082,981</u>
	\$ (22,994,777)		\$ 298,637,686





**1985-86 POOL ACCOUNT — AMBER DURUM WHEAT**

**For the period August 1, 1985, to completion of operations on October 31, 1986  
(with prior year figures for the 1984-85 Pool Account for comparison)**

Durum acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account—Durum .....

Durum sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:  
Domestic .....  
Export .....  
Weight losses in transit and in drying .....

Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31:  
Domestic .....  
Export .....  
Sale to the subsequent Pool Account—Durum .....

Surplus on Amber Durum Wheat transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Durum stored in country elevators .....  
Storage on Durum stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Additional freight — Durum shipped from country stations to terminal position .....  
— freight rate changes .....  
Handling and stop-off on Durum warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account—Durum, for the period from  
August 1, 1985, to October 31, 1986 (1984-85 September 30, 1985) .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1985-86</u>		<u>1984-85</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
1 685 977	\$256,984,980	1 786 421	\$319,040,593
7 299	990,521	8 270	1,434,938
119 646	22,440,181	—	—
<u>1 812 922</u>	<u>280,415,682</u>	<u>1 794 691</u>	<u>320,475,531</u>
131 955		98 269	
1 158 296		1 276 828	
20 075		3 247	
<u>1 310 326</u>	250,864,551	<u>1 378 344</u>	297,296,259
26 635		25 348	
286 396		271 353	
189 565		119 646	
502 596	69,281,906	416 347	80,190,345
<u>1 812 922</u>	<u>320,146,457</u>	<u>1 794 691</u>	<u>377,486,604</u>
	39,730,775		57,011,073
	6,528,593		7,863,782
	<u>2,763,732</u>		<u>4,096,695</u>
	9,292,325		11,960,477
	(1,439,525)		2,045,742
	888,837		(1,748,659)
	201,681		239,158
	(1,024)		(115,901)
	916,763		—
	1,819,147		8,037
	951,213		1,122,027
	1,634,638		<u>2,077,897</u>
	<u>14,264,055</u>		<u>15,588,778</u>
	<u>\$ 25,466,720</u>		<u>\$41,422,295</u>



1985-86 POOL ACCOUNT — OATS

For the period August 1, 1985, to completion of operations on November 30, 1986  
(with prior year figures for the 1984-85 Pool Account for comparison)

Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...	
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....	
Purchased from prior year Pool Account — Oats .....	
Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....	
Weight losses in transit and in drying .....	
Oats stocks — being Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for period subsequent to July 31 .....	
Sale to subsequent Pool Account — Oats .....	
(Deficit) Surplus on Oats transactions .....	
Operating costs:	
Carrying charges:	
Carrying charges on Oats stored in country elevators .....	
Storage on Oats stored in terminal elevators .....	
Interest and bank charges .....	
Demurrage .....	
Additional freight — Oats shipped from country stations to terminal position .....	
— freight rate changes .....	
Drying charges .....	
Interest and depreciation on Wheat Board hopper cars .....	
Wheat Board administrative and general expenses .....	
(Deficit) Surplus on operations of the Board on the Pool Account — Oats, for the period from August 1, 1985, to November 30, 1986 (1984-85 November 15, 1985) .....	

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1985-86</u>		<u>1984-85</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
198 411	\$ 19,614,453	54 639	\$5,416,401
234	23,774	—	—
4 310	440,331	16 369	1,785,902
<u>202 955</u>	<u>20,078,558</u>	<u>71 008</u>	<u>7,202,303</u>
59 640	5,044,472	38 487	4,921,612
—	—	—	—
114 325	8,443,804	28 211	3,115,692
28 990	2,199,808	4 310	440,331
<u>202 955</u>	<u>15,688,084</u>	<u>71 008</u>	<u>8,477,635</u>
	<u>(4,390,474)</u>		<u>1,275,332</u>
	1,056,922		285,692
	538,960		194,177
	1,595,882		479,869
	236,658		3,410
	37,344		—
	147,068		98,106
	17,206		(84,660)
	171,454		—
	111,942		34,318
	211,782		68,867
	<u>2,529,336</u>		<u>599,910</u>
	<u>\$ (6,919,810)</u>		<u>\$ 675,422</u>



1985-86 POOL ACCOUNT — DESIGNATED OATS

For the period August 1, 1985, to completion of operations on October 31, 1986  
(with prior year figures for 1984-85 Pool Account for comparison)

Designated Oats acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver	...
Designated Oats sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver	.....
Designated Oats stocks — being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31	.....
Surplus on Designated Oats transactions	.....
Operating costs:	
Interest	.....
Interest and depreciation on Canadian Wheat Board hopper cars	.....
Wheat Board administrative and general expenses	.....
Surplus on operations of the Board on the Pool Account — Designated Oats, for the period from August 1, 1985, to October 31, 1986 (1984-85 September 30, 1985)	.....



# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1985-86		1984-85	
Tonnes	Amount	Tonnes	Amount
<u>36 714</u>	<u>\$ 4,644,373</u>	<u>44 219</u>	<u>\$6,061,679</u>
34 968	5,052,964	43 504	6,749,003
1 746	216,145	715	109,682
<u>36 714</u>	<u>5,269,109</u>	<u>44 219</u>	<u>6,858,685</u>
	<u>624,736</u>		<u>797,006</u>
	(67,518)		(95,397)
	20,714		27,773
	35,596		51,434
	<u>(11,208)</u>		<u>(16,190)</u>
	<u>\$ 635,944</u>		<u>\$ 813,196</u>



1985-86 POOL ACCOUNT — BARLEY

For the period August 1, 1985, to completion of operations on October 31, 1986  
(with prior year figures for the 1984-85 Pool Account for comparison)

Barley acquired:  
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver ...  
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and  
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....  
Purchased from prior year Pool Account — Barley .....

Barley sold:  
Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill .....  
Weight losses in transit and in drying .....  
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value received  
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:  
Completed sales for the period subsequent to July 31 .....  
Sales to subsequent Pool Account — Barley .....

(Deficit) Surplus on Barley transactions .....

Operating costs:  
Carrying charges:  
Carrying charges on Barley stored in country elevators .....  
Storage on Barley stored in terminal elevators .....

Interest and bank charges .....  
Demurrage .....  
Additional freight — Barley shipped from country stations to terminal position .....  
— freight rate changes .....  
Handling and stop-off on Barley warehoused at interior terminals .....  
Drying charges .....  
Interest and depreciation on Wheat Board hopper cars .....  
Wheat Board administrative and general expenses .....

(Deficit) Surplus on operations of the Board on the Pool Account — Barley, for the period  
from August 1, 1985, to October 31, 1986 (1984-85 September 30, 1985) .....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

1985-86		1984-85	
Tonnes	Amount	Tonnes	Amount
4 947 005	\$539,124,215	3 068 472	\$382,262,408
18 862	2,411,708	17 053	2,105,090
480 853	53,604,187	—	—
<u>5 446 720</u>	<u>595,140,110</u>	<u>3 085 525</u>	<u>384,367,498</u>
3 156 990	303,417,269	2 235 067	318,598,608
21 463	—	2 545	—
2 268 267	159,086,431	367 060	44,633,198
—	—	480 853	53,604,187
<u>5 446 720</u>	<u>462,503,700</u>	<u>3 085 525</u>	<u>416,835,993</u>
	(132,636,410)		<u>32,468,495</u>
	10,622,501		4,724,253
	<u>3,957,268</u>		<u>3,356,581</u>
	14,579,769		8,080,834
	5,593,975		(1,306,516)
	975,328		(449,348)
	2,165,184		1,897,338
	19,309		(893,639)
	1,703,300		(52,098)
	6,109,994		628,571
	2,791,055		1,927,267
	4,796,365		<u>3,569,130</u>
	<u>38,734,279</u>		<u>13,401,539</u>
	<u>\$(171,370,689)</u>		<u>\$ 19,066,956</u>



1985-86 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1985, to completion of operations on October 31, 1986  
(with prior year figures for the 1984-85 Pool Account for comparison)

Designated Barley acquired:	
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver	...
Designated Barley sold:	
Completed sales to July 31 basis in store Thunder Bay or Vancouver	.....
Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:	
Completed sales for the period subsequent to July 31	.....
Surplus on Designated Barley transactions	.....
Operating costs:	
Interest	.....
Interest and depreciation on Canadian Wheat Board hopper cars	.....
Wheat Board administrative and general expenses	.....
Surplus on operations of the Board on the Pool Account — Designated Barley, for the period from August 1, 1985, to October 31, 1986 (1984-85 September 30, 1985)	.....

# THE CANADIAN WHEAT BOARD



## STATEMENT OF OPERATIONS

<u>1985-86</u>		<u>1984-85</u>	
<u>Tonnes</u>	<u>Amount</u>	<u>Tonnes</u>	<u>Amount</u>
<u>645 255</u>	<u>\$101,758,993</u>	<u>712 195</u>	<u>\$111,703,201</u>
574 947	108,116,420	661 381	124,998,887
70 308	13,809,239	50 814	10,117,349
<u>645 255</u>	<u>121,925,659</u>	<u>712 195</u>	<u>135,116,236</u>
	<u>20,166,666</u>		<u>23,413,035</u>
	(2,036,919)		(2,527,411)
	364,047		447,320
	625,606		828,398
	<u>(1,047,266)</u>		<u>(1,251,693)</u>
	<u>\$ 21,213,932</u>		<u>\$ 24,664,728</u>





## STATEMENT OF ADMINISTRATIVE AND GENERAL

For the year ended July 31, 1986 (with prior year figures for comparison)

<b>Administrative and General Expenses:</b>	<u>1985-86</u>	<u>1984-85</u>
Salaries — Board members, officers and staff .....	\$15,339,013	\$15,131,273
Unemployment insurance, pension, group insurance, medical & other employee benefits .....	2,022,676	1,964,496
Manitoba Health and Education Tax .....	225,074	235,956
Advisory Committee — travelling expenses and per diem allowances .....	77,769	79,197
Rental & lighting of offices including maintenance of The Canadian Wheat Board Building .....	1,590,643	1,424,092
Telephones — exchange service & long distance calls .....	347,095	354,578
Telegrams, cables & telex expense .....	145,468	141,293
Postage .....	636,982	583,765
Printing, stationery & supplies .....	595,479	642,392
Annual report, mini report & "Grain Matters", etc. ....	139,041	156,284
District meetings .....	13,564	19,452
Office expense .....	566,028	505,709
Travelling & transfer of staff .....	893,265	847,801
Travelling expenses — inspectors .....	162,716	184,653
Legal fees and court costs .....	47,586	31,629
Audit fees .....	91,000	91,000
Computing equipment — rental & sundries .....	3,481,523	2,383,997
Repair & upkeep of office machines & equipment .....	47,889	49,545
Grain market publications & services .....	88,272	80,635
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute .....	997,623	882,131
Bonds and insurance .....	40,408	29,993
Winnipeg Commodity Exchange dues .....	10,370	12,820
Depreciation on building, furniture, equipment & automobiles .....	339,715	274,440
	<u>\$27,899,199</u>	<u>\$26,107,131</u>



## EXPENSES AND ALLOCATIONS TO OPERATIONS

### Allocations to Operations:

	1985-86	1984-85
1. Marketing of Producers' Grain		
1985-86 Pool Account — Wheat .....	\$10,430,547	
1985-86 Pool Account — Durum .....	925,901	
1985-86 Pool Account — Oats .....	108,963	
1985-86 Pool Account — Designated Oats .....	20,162	
1985-86 Pool Account — Barley .....	2,716,785	
1985-86 Pool Account — Designated Barley .....	354,360	
1984-85 Pool Account — Wheat .....	8,888,637	
1984-85 Pool Account — Durum .....	980,625	
1984-85 Pool Account — Oats .....	35,307	
1984-85 Pool Account — Designated Oats .....	24,273	
1984-85 Pool Account — Barley .....	1,684,385	
1984-85 Pool Account — Designated Barley .....	390,947	
	<u>26,560,892</u>	24,658,035
2. Distributing Final Payments to Producers		
(a) Wheat & Durum		
1984-85 Pool Account — Wheat .....	163,784	
1984-85 Pool Account — Durum .....	27,298	
1983-84 Pool Account — Wheat .....	25,397	
1983-84 Pool Account — Durum .....	3,749	
1982-83 Pool Account — Wheat .....	4,425	
1982-83 Pool Account — Durum .....	604	
1981-82 Pool Account — Wheat .....	2,435	
1981-82 Pool Account — Durum .....	329	
1980-81 Pool Account — Wheat .....	2,874	
1980-81 Pool Account — Durum .....	394	
1979-80 Pool Account — Wheat .....	2,210	
1979-80 Pool Account — Durum .....	302	
	<u>233,801</u>	308,135
(b) Coarse Grains		
1984-85 Pool Account — Oats .....	10,553	
1984-85 Pool Account — Designated Oats .....	1,799	
1984-85 Pool Account — Barley .....	55,965	
1984-85 Pool Account — Designated Barley .....	8,434	
1983-84 Pool Account — Oats .....	2,233	
1983-84 Pool Account — Designated Oats .....	384	
1983-84 Pool Account — Barley .....	12,170	
1983-84 Pool Account — Designated Barley .....	2,025	
1982-83 Pool Account — Oats .....	1,025	
1982-83 Pool Account — Designated Oats .....	183	
1982-83 Pool Account — Designated Barley .....	3,071	
1981-82 Pool Account — Designated Oats .....	664	
1981-82 Pool Account — Barley .....	1,437	
1981-82 Pool Account — Designated Barley .....	252	
1980-81 Pool Account — Oats .....	783	
1980-81 Pool Account — Barley .....	1,698	
1980-81 Pool Account — Designated Barley .....	297	
1979-80 Pool Account — Barley .....	1,304	
1979-80 Pool Account — Designated Barley .....	229	
	<u>104,506</u>	140,961
3. Allocation authorized by Order-In-Council from Special Account — Undistributed Payment Accounts in partial payment of Administrative and General Expense incurred in respect of the Prairie Grain Advance Payments Act	1,000,000	1,000,000
	<u>\$27,899,199</u>	<u>\$26,107,131</u>

# EXHIBIT IX



## STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1986

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year .....	\$ 35,203,467	\$ 35,200,848	\$ 2,619
1958-59 Crop Year .....	34,369,653	34,366,768	2,885
1959-60 Crop Year .....	38,492,505	38,490,056	2,449
1960-61 Crop Year .....	63,912,550	63,904,499	8,051
1961-62 Crop Year .....	16,656,713	16,651,472	5,241
1962-63 Crop Year .....	29,251,526	29,245,974	5,552
1963-64 Crop Year .....	62,136,418	62,129,676	6,742
1964-65 Crop Year .....	32,961,844	32,955,723	6,121
1965-66 Crop Year .....	40,600,386	40,596,508	3,878
1966-67 Crop Year .....	36,668,270	36,664,915	3,355
1967-68 Crop Year .....	47,280,533	47,277,574	2,959
1968-69 Crop Year .....	151,852,319	151,772,155	80,164
1969-70 Crop Year .....	272,777,516	272,476,405	301,111
1970-71 Crop Year .....	91,105,890	91,076,240	29,650
1971-72 Crop Year .....	68,142,360	68,108,551	33,809
1972-73 Crop Year .....	20,754,104	20,743,229	10,875
1973-74 Crop Year .....	35,259,387	35,219,656	39,731
1974-75 Crop Year .....	46,635,399	46,604,087	31,312
1975-76 Crop Year .....	20,236,528	20,208,199	28,329
1976-77 Crop Year .....	130,592,220	130,475,756	116,464
1977-78 Crop Year .....	119,090,916	118,918,678	172,238
1978-79 Crop Year .....	151,316,450	151,195,641	120,809
1979-80 Crop Year .....	99,146,581	99,073,930	72,651
1980-81 Crop Year .....	61,640,150	61,600,876	39,274
1981-82 Crop Year .....	333,688,190	333,194,187	494,003
1982-83 Crop Year .....	309,022,755	308,039,815	982,940
1983-84 Crop Year .....	286,736,519	285,598,650	1,137,869
1984-85 Crop Year .....	201,289,320	199,198,047	2,091,273
1985-86 Crop Year .....	340,670,596	317,090,565	23,580,031
	<u>\$3,177,491,065</u>	<u>\$3,148,078,680</u>	
Balance to be refunded by Producers as at July 31, 1986 .....			29,412,385
Add:			
Bank interest to July 31, 1986, payable by the Government of Canada .....		117,015,857	
Less: Amount paid to July 31, 1986 .....		<u>116,798,341</u>	<u>217,516</u>
			29,629,901
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada .....		1,114,724	
Line Elevator Companies .....		70,537	
Interest received on default payments .....		<u>12,343,130</u>	<u>13,528,391</u>
Owing to The Canadian Wheat Board as at July 31, 1986 .....			<u>\$16,101,510</u>

## EXHIBIT X



## STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

## For the year ended July 31, 1986

Balance of Special Account as at July 31, 1985 ..... \$5,171,556

Transfer to Special Account authorized by Order-in-Council P.C. 1986-1872 from the following:

1978 Wheat Payment Account .....	\$701,856	
1978 Durum Payment Account .....	92,360	
1978 Oats Payment Account .....	(17,069)	
1978 Barley Payment Account .....	218,721	
1978 Designated Barley Payment Account .....	95,065	1,090,933
		<u>6,262,489</u>

## Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1985	Authorized Crop Year 1985-86	Unexpended as at July 31, 1986	Expended Crop Year 1985-86
P.C. 1986-1874	Market Development .....	\$ 359,167	\$ 650,000	\$ 461,972	\$ 547,195
P.C. 1986-1873	General Promotion & Overseas Advertising .....	36,009	150,000	133,086	52,923
P.C. 1986-1058	Prairie Grain Advance Payment Act — Administration .....	—	3,000,000	2,000,000	1,000,000
P.C. 1985-2262	Remote Sensing Crop Monitoring Project .....	33,000	—	33,000	—
P.C. 1985-1946	General Promotion and Overseas Advertising — 50th Anniversary....	140,000	—	—	140,000
P.C. 1985-1945	Customer Mission Program — 50th Anniversary .....	292,880	—	220,678	72,202
P.C. 1984-2690	Customer Mission Program .....	275,635	—	266,137	9,498
P.C. 1983-2007	Canadian International Grains Institute — Capital Expenditures...	69,539	—	45,048	24,491
P.C. 1983-2003	Joint Policy Coordinating Committee of Canada and United States Wheat Producers .....	88,133	—	88,133	—
P.C. 1981-3436	Scholarship and Assistantship Program .....	30,142	249,858	44,118	235,882
		<u>\$1,324,505</u>	<u>\$4,049,858</u>	<u>\$3,292,172</u>	<u>2,082,191</u>
					4,180,298

Less: Payments to producers against old payment accounts ..... 5,870

Balance of Special Account as at July 31, 1986..... \$4,174,428


As at July 31, 1986, there were unexpended authorizations totaling \$3,292,172 leaving an unexpended balance of \$882,256 in the Account

AUDITORS' REPORT

To The Canadian Wheat Board:

We have examined the balance sheet of The Canadian Wheat Board as at July 31, 1986, and the statements of operations for the 1985-86 pool accounts for amber durum wheat, designated oats, barley and designated barley for the period August 1, 1985 to completion of operations on October 31, 1986, the statements of operations for the 1985-86 pool accounts for wheat and oats for the period August 1, 1985 to completion of operations on November 30, 1986, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1986, the statement of advance payments to producers under the Prairie Grain Advance Payments Act as at July 31, 1986, and the statement of special account transactions for the year ended July 31, 1986. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Board as at July 31, 1986 and the results of operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.



Chartered Accountants

March 13, 1987





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**TABLE I**  
**ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES**  
**1962 to 1986**

Crop Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed <sup>2</sup> 000 acres	Rapeseed <sup>3</sup> 000 acres	Total 000 acres
1962	22,907	3,423	26,330	7,240	5,177	571	1,398	371	41,087
1963	25,087	2,003	27,090	6,338	6,042	634	1,630	478	42,212
1964	27,427	1,773	29,200	5,136	5,325	637	1,918	791	43,007
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,937
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,028
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,873
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	46,117
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,155
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	35,016
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,917
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,909
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,344
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,219
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,822
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,333
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	48,203
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	48,325
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,912
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,466
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,582
1983	29,660	3,500	33,160	2,620	9,830	956	1,065	5,750	53,381
1984	27,710	4,150	31,860	2,680	10,395	815	1,780	7,610	55,140
1985	28,920	4,300	33,220	2,710	10,800	830	1,830	6,875	56,265
1986 <sup>1</sup>	29,605	4,650	34,255	3,160	11,070	755	1,990	6,775	58,005

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed acreage for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed acreage for British Columbia not available 1962 to 1966.

Source: Statistics Canada.



**TABLE II**  
**YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES**  
**1962 to 1986**

Crop Year	Wheat kg per acre	Durum kg per acre	All Wheat kg per acre	Oats kg per acre	Barley kg per acre	Rye kg per acre	Flaxseed kg per acre	Rapeseed kg per acre
1962	574	522	566	697	677	475	277	361
1963	710	679	708	748	777	485	317	399
1964	545	494	542	631	657	434	256	378
1965	622	546	621	743	766	561	317	356
1966	754	727	754	723	862	594	297	383
1967	533	422	528	591	666	427	228	344
1968	601	522	593	722	786	470	325	418
1969	728	716	727	760	856	437	305	376
1970	705	718	708	811	890	566	366	404
1971	744	671	735	836	930	577	322	406
1972	678	633	672	786	897	518	337	397
1973	685	600	678	796	851	566	340	382
1974	595	548	588	638	738	561	241	368
1975	730	646	716	763	856	651	317	407
1976	843	817	841	856	980	706	345	471
1977	784	709	778	848	1 004	650	442	550
1978	807	781	803	805	979	772	440	501
1979	644	643	644	770	973	627	354	405
1980	689	617	680	820	971	547	323	483
1981	810	709	796	840	1 006	833	407	530
1982	860	855	859	930	1 085	821	474	512
1983	775	749	772	826	945	775	417	453
1984	655	502	635	732	885	702	389	447
1985	729	455	694	822	976	613	493	504
1986 <sup>1</sup>	898	870	893	959	817	784	536	564

<sup>1</sup> Subject to revision.  
Source: Statistics Canada.



**TABLE III**  
**PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES**  
**1962 to 1986**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed <sup>2</sup> 000 tonnes	Rapeseed <sup>3</sup> 000 tonnes	Total 000 tonnes
1962	13 148	1 788	14 936	5 042	3 508	271	389	133	24 279
1963	17 821	1 361	19 182	4 736	4 691	308	516	190	29 623
1964	14 945	876	15 821	3 243	3 502	276	493	300	23 635
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 690
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 747
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 963
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 061
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 506
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 618
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 319
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 630
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 817
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 172
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 786
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 453
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 852
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 893
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 065
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	34 572
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 441
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 925
1983	22 976	2 620	25 596	2 165	9 286	741	444	2 602	40 834
1984	18 137	2 085	20 222	1 961	9 197	572	693	3 407	36 052
1985	21 089	1 957	23 046	2 227	11 061	509	902	3 467	41 212
1986 <sup>1</sup>	26 575	4 045	30 620	3 295	13 555	592	1 067	3 820	52 949

<sup>1</sup> Subject to revision.

<sup>2</sup> Flaxseed production for British Columbia not available 1972 forward.

<sup>3</sup> Rapeseed production for British Columbia not available 1962 to 1966.

Source: Statistics Canada.





**TABLE IV**  
**PRODUCERS' MARKETINGS — WESTERN CANADIAN GRAINS**  
**CROP YEARS 1961-62 to 1985-86**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1961-62	8 023	287	8 310	434	1 292	87	304	228	10 655
1962-63	11 690	1 218	12 908	1 372	1 752	238	344	129	16 743
1963-64	14 284	1 191	15 475	767	2 002	202	441	170	19 057
1964-65	13 439	836	14 275	632	1 632	187	428	247	17 401
1965-66	14 967	529	15 496	798	2 044	306	602	426	19 672
1966-67	16 577	633	17 210	593	2 454	279	511	472	21 519
1967-68	11 922	489	12 411	475	1 901	176	202	454	15 619
1968-69	10 846	670	11 516	641	1 780	97	389	399	14 822
1969-70	10 158	1 089	11 247	322	3 667	193	561	646	16 636
1970-71	8 838	1 621	10 459	898	5 136	295	856	1 395	19 039
1971-72	11 945	2 139	14 084	499	6 433	395	548	1 584	23 543
1972-73	15 359	1 875	17 234	501	5 156	235	466	1 428	25 020
1973-74	13 294	1 302	14 596	614	5 118	189	391	993	21 901
1974-75	10 182	1 315	11 497	621	4 555	265	274	935	18 147
1975-76	11 993	2 307	14 300	794	4 686	321	395	1 399	21 895
1976-77	13 410	1 532	14 942	846	5 814	301	246	1 030	23 179
1977-78	17 275	1 835	19 110	764	5 237	256	494	1 759	27 620
1978-79	12 987	1 486	14 473	363	5 364	247	425	2 945	23 817
1979-80	16 795	1 909	18 704	319	5 408	449	675	2 928	28 483
1980-81	15 902	2 722	18 624	391	6 430	354	424	2 153	28 376
1981-82	17 064	2 607	19 671	503	7 505	617	377	1 991	30 664
1982-83	22 462	2 868	25 330	365	7 023	518	536	2 016	35 788
1983-84	20 749	2 273	23 022	407	6 690	691	381	2 264	33 455
1984-85	16 398	1 784	18 182	314	5 077	331	533	2 984	27 421
1985-86 <sup>1</sup>	19 277	1 691	20 968	320	6 435	238	689	2 926	31 576

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1985-86.

All previous years: Statistics Canada "Grain Trade of Canada".

**TABLE V**  
**PRIMARY ELEVATOR SHIPMENTS**  
**CROP YEARS 1970-71 to 1985-86**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1970-71	10 972	1 564	12 536	686	4 851	255	737	1 108	20 173
1971-72	14 160	2 054	16 214	641	6 676	297	574	967	25 369
1972-73	15 061	1 853	16 914	589	4 662	290	507	1 239	24 201
1973-74	12 926	1 400	14 326	578	4 677	193	362	753	20 889
1974-75	11 173	1 577	12 750	528	4 838	213	279	679	19 287
1975-76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
1976-77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 879
1977-78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 801
1978-79	13 508	1 478	14 986	353	5 680	219	466	1 863	23 567
1979-80	16 402	2 144	18 546	564	5 733	389	490	1 893	27 615
1980-81	15 988	2 500	18 488	406	5 740	450	508	1 280	26 872
1981-82	17 643	2 638	20 281	465	7 459	507	394	1 285	30 391
1982-83	21 089	2 871	23 960	368	6 815	388	382	1 228	33 141
1983-84	21 149	2 544	23 693	414	7 086	738	528	1 446	33 905
1984-85	17 803	1 933	19 736	303	4 551	346	490	1 757	27 183
1985-86 <sup>1</sup>	17 481	1 438	18 919	236	5 859	283	558	1 616	27 471

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1985-86.

All previous years: Statistics Canada "Grain Trade of Canada".





**TABLE VI**  
**VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD**  
**CROP YEARS 1966-67 to 1985-86**

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	Total 000 tonnes
1966-67	8 909	788	9 697	552	1 434	184	305	34	12 206
1967-68	4 301	415	4 716	437	825	85	223	8	6 294
1968-69	4 370	603	4 973	309	895	84	167	25	6 453
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 871
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 293
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 064
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 862
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 069
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 029
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 396
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 923
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 599
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 067
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 641
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 952
1981-82	8 739	2 019	10 758	199	2 725	372	229	136	14 419
1982-83	10 918	2 242	13 160	163	3 182	116	249	125	16 995
1983-84	11 751	2 312	14 063	138	3 555	74	345	185	18 360
1984-85	9 559	1 741	11 300	90	1 066	12	322	150	12 940
1985-86 <sup>1</sup>	7 975	1 128	9 103	41	1 521	11	327	156	11 159

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission 451.10 for 1985-86.

All previous years "Grain Trade of Canada".

**TABLE VII**  
**CANADIAN WHEAT SUPPLIES AND DISPOSITION**  
**CROP YEARS 1966-67 to 1986-87**

Crop Year	Inward Carryover <sup>1</sup> August 1st		Production <sup>1</sup>  000 tonnes	Total Supplies  000 tonnes	Domestic Disappearance <sup>2</sup>		Exports <sup>1</sup> Wheat and Flour  000 tonnes	Total Outward <sup>1</sup> Carryover July 31st  000 tonnes
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial <sup>4</sup> 000 tonnes		
1966-67	2 722	8 712	22 516	33 950	2 425	1 941	14 024	15 560
1967-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	18 302
1968-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	23 183
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 452
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 980
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 887
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 945
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 089
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 038
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 979
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 318
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 732	2 509	16 262	8 510
1981-82	1 585	6 925	24 803	33 313	2 831	2 322	18 447	9 713
1982-83	3 560	6 153	26 736	36 449	2 602	2 496	21 368	9 983
1983-84	2 010	7 973	26 505	36 488	3 191	2 342	21 765	9 190
1984-85	1 735	7 455	21 199	30 389	2 914	2 294	17 583	7 598
1985-86	1 080	6 518	24 252	31 850	2 963	2 724	17 691	8 472
1986-87 <sup>3</sup>	770	7 702	31 850	40 322				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>3</sup> Subject to revision.

<sup>4</sup> Human food consumption in 1984-85 amounted to 1 970 000 tonnes. In 1985-86 the amount was 2 091 000 tonnes.

**TABLE VIII**  
**CANADIAN OATS SUPPLIES AND DISPOSITION**  
**CROP YEARS 1966-67 to 1986-87**

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup>  000 tonnes	Total Supplies  000 tonnes	Domestic Disappearance <sup>3</sup>		Exports <sup>2</sup>  000 tonnes	Total Outward <sup>1</sup> Carryover July 31st  000 tonnes
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1966-67	1 403	558	5 716	7 677	5 194	639	74	1 770
1967-68	1 326	444	4 654	6 424	4 570	535	55	1 264
1968-69	925	339	5 501	6 765	4 323	416	42	1 984
1969-70	1 457	527	5 473	7 457	4 603	487	79	2 288
1970-71	2 005	283	5 445	7 733	5 144	449	206	1 934
1971-72	1 406	528	5 640	7 574	5 067	523	161	1 823
1972-73	1 480	343	4 665	6 488	4 642	510	107	1 229
1973-74	1 002	227	5 070	6 299	4 573	519	13	1 194
1974-75	895	299	3 977	5 171	3 510	506	22	1 133
1975-76	741	392	4 480	5 613	3 624	477	281	1 231
1976-77	802	429	4 831	6 062	3 753	487	494	1 328
1977-78	1 033	295	4 283	5 611	3 349	497	90	1 675
1978-79	1 203	472	3 568	5 243	3 305	401	17	1 520
1979-80	1 103	417	2 879	4 399	2 961	444	103	891
1980-81	702	189	2 911	3 802	2 611	385	46	760
1981-82	610	150	3 188	3 948	2 655	387	51	855
1982-83	640	215	3 637	4 492	2 916	301	105	1 170
1983-84	995	175	2 773	3 943	2 790	335	123	695
1984-85	570	125	2 670	3 365	2 431	296	19	619
1985-86	495	124	2 997	3 616	2 537	229	44	806
1986-87 <sup>4</sup>	635	171	3 906	4 712				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Rolled Oats, Oatmeal and Seed Oats.

<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>4</sup> Subject to revision.

**TABLE IX**  
**CANADIAN BARLEY SUPPLIES AND DISPOSITION**  
**CROP YEARS 1966-67 to 1986-87**

Crop Year	Inward Carryover August 1st <sup>1</sup>		Production <sup>1</sup> 000 tonnes	Total Supplies 000 tonnes	Domestic Disappearance <sup>2</sup>		Exports <sup>2</sup> 000 tonnes	Total Outward <sup>1</sup> Carryover July 31st 000 tonnes
	Farm 000 tonnes	Commercial 000 tonnes			Farm 000 tonnes	Commercial 000 tonnes		
1966-67	718	1 410	6 450	8 578	3 245	1 190	1 275	2 868
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	2 850
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	4 298
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 688	4 326	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 641	3 783	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 690	3 540	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 967	3 800	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 142	4 086	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 777	3 521	3 203
1981-82	1 140	2 063	13 724	16 927	5 370	1 424	6 002	4 131
1982-83	1 950	2 181	13 965	18 096	5 631	1 688	5 648	5 129
1983-84	3 225	1 904	10 209	15 338	5 656	2 174	5 537	1 971
1984-85	1 080	891	10 296	12 267	5 434	1 896	2 781	2 156
1985-86	865	1 291	12 443	14 599	5 778	1 722	3 795	3 304
1986-87 <sup>4</sup>	1 095	2 209	15 026	18 330				

<sup>1</sup> Source: Statistics Canada.

<sup>2</sup> Source: Statistics Canada "Grain Trade of Canada". Includes Export Barley and Pot and Pearl Barley.

<sup>3</sup> A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

<sup>4</sup> Subject to revision.

**TABLE X**  
**CANADIAN GRAIN STORAGE POSITION 1967 to 1986**  
**VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31ST<sup>1</sup>**

Year	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Rapeseed 000 tonnes	U.S. and Foreign Grain 000 tonnes	Total 000 tonnes	Total Licensed Capacity <sup>2,3</sup> 000 tonnes
1967	10 117	444	1 410	155	262	110	200	12 698	18 566
1968	11 689	339	1 298	141	104	170	209	13 950	18 982
1969	13 053	527	1 326	93	104	99	219	15 421	19 050
1970	12 682	283	1 700	151	136	79	284	15 315	19 051
1971	9 235	528	1 799	192	409	246	143	12 552	18 885
1972	7 410	344	1 956	261	255	609	206	11 041	18 318
1973	6 815	226	2 287	221	180	460	389	10 578	17 986
1974	7 884	299	3 101	203	163	247	313	12 210	17 626
1975	6 405	392	2 994	251	155	309	124	10 630	17 868
1976	6 401	429	1 675	223	330	697	142	9 897	17 518
1977	6 160	295	2 086	289	186	174	128	9 318	16 974
1978	7 108	472	2 095	212	367	291	201	10 746	16 858
1979	5 957	417	1 695	248	244	819	255	9 635	16 748
1980	6 448	189	906	279	440	1 137	349	9 748	16 631
1981	6 925	150	2 063	169	228	924	213	10 672	16 353
1982	6 154	215	2 181	231	221	621	176	9 799	16 071
1983	7 883	175	1 904	431	347	446	117	11 303	15 739
1984	7 358	125	891	326	130	105	83	9 018	15 533
1985	6 412	124	1 291	233	119	375	105	8 659	15 503
1986 <sup>4</sup>	7 702	171	2 209	142	207	675	39	11 145	15 281

<sup>1</sup> Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill or feed plants for processing.

<sup>2</sup> For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.

<sup>3</sup> Metric tonnes expressed in wheat equivalent.

<sup>4</sup> Subject to revision.



**TABLE XI**  
**EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS**  
**CROP YEARS 1961-62 to 1985-86**

Crop Year	Wheat <sup>1</sup> 000 tonnes	Flour <sup>2</sup> 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed <sup>3</sup> 000 tonnes	Rapeseed <sup>4</sup> 000 tonnes	Corn 000 tonnes	Total 000 tonnes
1961-62	8 878	870	53	934	111	316	158	2	11 322
1962-63	8 276	742	335	335	186	330	130	1	10 335
1963-64	14 687	1 494	289	1 022	140	362	121	2	18 117
1964-65	10 017	858	240	806	123	398	210	7	12 659
1965-66	14 881	1 038	246	828	204	495	309	9	18 010
1966-67	13 157	867	74	1 275	253	433	313	2	16 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 326	299	212	820	233	18 507
1976-77	12 711	725	494	3 783	168	369	1 449	180	19 879
1977-78	15 246	794	90	3 540	271	282	1 476	323	22 022
1978-79	12 302	782	17	3 800	154	514	2 287	192	20 048
1979-80	15 215	674	103	4 086	397	475	2 420	344	23 714
1980-81	15 569	693	46	3 521	446	607	2 212	1 051	24 145
1981-82	17 973	474	51	6 002	561	481	2 040	1 281	28 863
1982-83	20 956	411	105	5 648	313	471	1 752	511	30 167
1983-84	21 285	480	122	5 536	747	629	2 460	429	31 688
1984-85	17 113	470	19	2 781	376	564	2 590	569	24 482
1985-86 <sup>5</sup>	17 318	372	44	3 794	234	599	2 365	490	25 216

<sup>1</sup> Wheat exports include bagged Seed Wheat.

<sup>2</sup> Wheat equivalent.

<sup>3</sup> Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal from 1979-80.

<sup>4</sup> Rapeseed exports for the years 1964-65 to 1972-73 do not include Rapeseed Oil exports. The years 1961-62 to 1963-64 include Rapeseed Oil exports. The years 1973-74 onward include Rapeseed Oil and Rapeseed Meal exports.

<sup>5</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1985-86.

All previous years — Statistics Canada "Grain Trade of Canada".





**TABLE XII**  
**CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1975-76 to 1984-85**

Country	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	38	71	36	12	—	16	23	10	127	100
Denmark	—	—	1	1	—	—	—	1	1	1
France	30	81	62	4	12	88	107	199	104	58
Germany, Federal Republic	356	66	15	12	1	18	1	26	3	3
Ireland	—	—	—	—	—	1	—	1	1	—
Italy	546	894	544	723	765	515	624	742	240	367
Netherlands	197	221	62	70	22	38	17	103	107	78
Portugal	—	—	—	—	—	—	—	—	—	149
United Kingdom	1 431	1 526	1 312	1 361	1 409	1 366	1 109	955	633	702
TOTAL EEC	2 598	2 859	2 032	2 183	2 209	2 042	1 881	2 037	1 216	1 458
<b>OTHER WESTERN EUROPE:</b>										
Finland	—	6	88	9	6	29	—	—	7	—
Norway	118	67	67	137	10	57	70	148	62	68
Portugal	—	57	39	43	17	—	—	—	—	—
Spain	—	26	54	—	51	—	—	—	—	—
Sweden	—	1	4	1	—	—	2	—	4	2
Switzerland	52	77	63	71	54	49	109	49	9	—
TOTAL OTHER WESTERN EUROPE:	170	234	315	261	138	135	181	197	82	70
<b>EASTERN EUROPE:</b>										
Bulgaria	—	—	—	—	—	—	—	—	—	216
Czechoslovakia	67	—	—	6	—	14	5	5	5	—
Germany, People's Rep. of	292	32	74	10	67	—	308	73	170	48
Poland	868	686	583	1 487	1 091	1 674	622	52	91	22
Romania	84	—	—	—	—	—	—	—	—	—
U.S.S.R.	1 043	2 146	1 429	2 579	3 971	5 019	6 959	6 761	6 019	5 219
Yugoslavia	130	88	—	127	—	—	—	—	—	—
TOTAL EASTERN EUROPE:	2 484	2 952	2 086	4 209	5 129	6 707	7 894	6 891	6 285	5 505
<b>TOTAL EUROPE:</b>	<b>5 252</b>	<b>6 045</b>	<b>4 433</b>	<b>6 653</b>	<b>7 476</b>	<b>8 884</b>	<b>9 956</b>	<b>9 125</b>	<b>7 583</b>	<b>7 033</b>
<b>AFRICA:</b>										
Algeria	508	462	335	598	654	590	512	813	508	492
Benin	—	—	—	1	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	7	5	—
Ethiopia	—	86	15	51	81	45	92	49	128	93
Ghana	117	104	76	98	25	45	24	63	37	66
Ivory Coast	—	—	—	—	—	1	—	—	—	—
Kenya	—	—	—	—	—	16	—	—	39	—
Libya	22	—	—	28	81	291	110	93	124	174
Mali	—	—	—	—	—	—	13	—	—	—
Mauritania	5	8	10	—	2	—	4	11	11	10
Morocco	88	275	100	129	12	15	—	—	—	—
Mozambique	32	11	11	—	5	16	25	14	21	7
Niger	—	—	—	—	—	2	4	—	2	—
Nigeria	23	3	20	28	—	—	21	66	—	133
Rwanda	—	—	1	—	—	—	1	14	—	—
Senegal	5	10	2	6	8	9	13	10	9	8
Somalia	10	—	—	—	—	7	—	—	—	—
South Africa	—	—	—	—	—	—	—	—	—	55
Sudan	1	—	—	7	—	—	—	2	4	5
Tanzania	24	34	38	—	10	13	—	13	10	—
Togo	6	5	3	8	—	—	21	23	7	8
Tunisia	47	41	73	49	23	10	—	—	—	—
Uganda	—	—	—	8	—	—	9	1	—	—
Upper Volta	—	—	—	—	—	—	3	2	—	—
Zaire	—	—	1	—	—	—	—	—	—	—
Zambia	—	—	—	17	—	—	—	—	12	10
Zimbabwe	—	—	—	3	—	—	—	17	17	—
TOTAL AFRICA	888	1 039	685	1 031	901	1 060	852	1 198	934	1 061





Country	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 <sup>1</sup> 000 tonnes	1985-86 000 tonnes
<b>MIDDLE EAST:</b>										
Arab Rep. of Egypt	258	409	117	—	—	316	23	662	450	464
Cyprus	13	8	—	—	—	—	—	32	14	—
Iran	—	—	—	110	96	73	107	488	41	61
Iraq	209	233	102	428	453	258	280	608	367	347
Israel	—	1	—	—	—	—	—	18	99	25
Jordan	1	—	—	—	—	—	—	—	—	—
Lebanon	25	105	221	75	119	91	158	—	—	6
Saudi Arabia	—	—	—	—	—	—	26	—	—	—
Syria	84	281	—	20	—	—	242	260	529	—
Turkey	—	—	—	—	—	—	—	—	—	89
Yemen, P.D.R.	2	8	1	—	6	—	24	—	108	—
<b>TOTAL MIDDLE EAST:</b>	<b>592</b>	<b>1 045</b>	<b>441</b>	<b>633</b>	<b>674</b>	<b>738</b>	<b>860</b>	<b>2 068</b>	<b>1 608</b>	<b>962</b>
<b>ASIA:</b>										
Afghanistan	7	34	13	21	—	—	—	—	—	—
Bangladesh	190	222	337	428	134	264	312	476	65	536
China, People's Rep. of	2 074	3 469	3 102	2 516	2 879	3 101	4 424	3 428	2 780	2 558
Hong Kong	34	30	34	37	16	9	6	13	13	9
India	79	—	—	—	40	91	7	513	5	—
Indonesia	148	—	—	24	—	32	224	201	200	333
Japan	1 246	1 419	1 226	1 336	1 381	1 367	1 341	1 325	1 323	1 272
Korea, Dem. People's Rep.	36	—	—	—	—	—	—	—	—	—
Korea, South	29	—	—	—	—	—	—	6	—	472
Malaysia	7	3	20	10	10	—	5	—	72	9
Nepal	—	—	—	13	1	—	—	—	—	—
Pakistan	58	89	150	34	6	54	29	58	33	41
Philippines	363	—	—	27	—	—	—	—	—	21
Singapore	—	23	4	—	—	—	46	—	—	—
Sri Lanka	—	—	—	—	—	21	98	124	100	108
Taiwan	22	—	—	79	—	28	85	84	81	108
Viet-Nam	12	118	22	—	—	—	—	—	—	—
<b>TOTAL ASIA:</b>	<b>4 305</b>	<b>5 407</b>	<b>4 908</b>	<b>4 525</b>	<b>4 467</b>	<b>4 967</b>	<b>6 577</b>	<b>6 228</b>	<b>4 672</b>	<b>5 467</b>
<b>WESTERN HEMISPHERE:</b>										
Barbados	—	1	4	4	—	5	—	2	—	—
Belize	—	—	—	—	—	—	1	—	—	—
Bolivia	—	—	—	—	—	—	—	12	—	—
Brazil	1 031	782	948	1 270	1 284	1 314	1 503	1 362	1 145	986
Chile	—	75	—	—	—	24	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	57
Costa Rica	—	—	—	—	—	4	—	—	—	—
Cuba	339	496	523	866	656	730	878	772	598	1 029
Dominican Republic	—	3	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	2	—	—
Haiti Republic	53	71	38	33	37	20	—	—	25	—
Honduras	—	—	—	—	—	—	2	1	4	4
Jamaica	23	30	51	62	45	31	23	22	24	39
Mexico	—	91	21	71	27	154	189	276	—	—
Nicaragua	—	—	—	—	—	18	—	48	—	—
Peru	62	78	124	48	—	8	—	49	26	47
St. Lucia	—	—	—	—	—	—	—	—	—	1
St. Vincent	—	16	21	4	—	—	—	—	—	—
Trinidad & Tobago	85	60	87	8	—	—	—	—	—	—
Venezuela	44	—	15	4	—	15	—	69	294	320
United States	35	—	—	—	—	—	115	63	159	274
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>1 672</b>	<b>1 703</b>	<b>1 832</b>	<b>2 370</b>	<b>2 049</b>	<b>2 323</b>	<b>2 711</b>	<b>2 678</b>	<b>2 274</b>	<b>2 847</b>
<b>TOTAL BULK WHEAT:</b>	<b>12 709</b>	<b>15 239</b>	<b>12 299</b>	<b>15 212</b>	<b>15 567</b>	<b>17 972</b>	<b>20 956</b>	<b>21 283</b>	<b>17 071</b>	<b>17 310</b>
<b>BAGGED SEED WHEAT:</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>42</b>	<b>8</b>
<b>GRAND TOTAL:</b>	<b>12 711</b>	<b>15 246</b>	<b>12 302</b>	<b>15 215</b>	<b>15 569</b>	<b>17 973</b>	<b>20 957</b>	<b>21 284</b>	<b>17 073</b>	<b>17 318</b>

<sup>1</sup> Subject to revision.  
Source: Canadian Grain Commission "Canada Grain Exports" for 1985-86.  
All previous years: Statistics Canada "Grain Trade of Canada".



**TABLE XIII**  
**CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1976-77 to 1985-86**

Country	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes
WESTERN EUROPE:										
EEC	3	—	—	—	2	1	1	1	1	1
Other Western Europe	3	5	4	4	4	4	3	3	4	7
TOTAL WESTERN EUROPE:	6	5	4	4	6	5	4	4	5	8
EASTERN EUROPE:	9	2	—	—	248	—	—	—	—	—
TOTAL EUROPE:	15	7	4	4	254	5	4	4	5	8
AFRICA:										
Arab Republic of Egypt	34	42	38	31	12	32	26	23	18	18
Algeria	—	—	2	7	11	5	5	—	—	—
Others	5	9	9	10	16	48	41	30	87	95
TOTAL AFRICA:	39	51	49	48	39	85	72	53	105	113
MIDDLE EAST:	14	29	36	27	10	25	21	8	61	27
ASIA:										
China People's Rep of	—	—	—	—	—	—	—	86	64	56
Korea, South	6	48	31	2	17	—	51	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	12
Sri Lanka	71	27	51	3	—	—	—	—	—	—
Thailand	1	1	1	1	1	1	1	1	—	—
Viet-Nam	18	98	49	42	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	10
Others	7	9	4	5	3	2	1	1	2	2
TOTAL ASIA:	103	183	136	53	21	3	53	88	66	80
WESTERN HEMISPHERE:										
Bahamas	4	5	4	5	4	4	5	5	5	5
Barbados	5	5	6	3	3	3	3	3	3	2
Bermuda	2	3	3	4	4	3	3	2	1	1
Colombia	—	—	—	—	—	—	—	—	—	8
Cuba	506	493	509	471	326	320	223	281	181	108
Haiti Republic	6	—	8	35	11	1	2	2	1	—
Jamaica	3	3	16	3	4	6	2	3	1	1
Leeward & Windward Islands	13	9	3	3	2	2	2	2	1	1
Paraguay	—	—	—	—	—	—	—	—	—	2
Trinidad & Tobago	13	3	2	2	3	3	2	5	4	4
United States	1	1	2	2	7	8	12	7	10	7
Others	1	2	4	13	6	6	7	16	25	5
TOTAL WESTERN HEMISPHERE:	554	524	557	541	370	356	261	326	232	144
GRAND TOTAL:	725	794	782	673	694	474	411	479	469	372

<sup>1</sup> Subject to revision.

Source: Statistics Canada.



**TABLE XIV**  
**CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1976-77 to 1985-86**

Country	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 <sup>1</sup> 000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	8	—	4	6	—	13	—	—	36	10
Denmark	—	—	1	1	—	—	—	—	—	—
France	27	75	62	—	12	88	99	199	104	58
Germany, Federal Republic	43	14	15	—	1	18	—	17	2	—
Ireland	—	—	—	—	—	1	—	—	1	—
Italy	213	762	376	628	526	423	525	504	182	255
Netherlands	48	97	58	47	13	24	12	86	24	1
United Kingdom	43	32	7	7	12	5	2	2	4	8
TOTAL EEC:	382	980	523	689	564	572	638	808	353	332
<b>OTHER WESTERN EUROPE:</b>										
Finland	—	—	—	—	3	—	—	—	—	—
Norway	—	2	6	6	10	—	11	13	6	11
Portugal	—	—	14	29	17	—	—	—	—	—
Spain	—	26	40	—	51	—	—	—	—	—
Sweden	—	1	4	1	—	—	1	—	3	—
Switzerland	26	20	16	21	24	27	44	16	2	—
TOTAL OTHER WESTERN EUROPE:	26	49	80	57	105	27	56	29	11	11
<b>EASTERN EUROPE:</b>										
Czechoslovakia	25	—	—	6	—	14	5	5	5	—
Germany, People's Republic of	—	—	—	10	32	—	26	51	50	48
Poland	175	14	100	255	93	112	59	52	25	—
U.S.S.R.	447	396	222	254	496	860	1 204	555	533	254
TOTAL EASTERN EUROPE:	647	410	322	525	621	986	1 294	663	613	302
<b>TOTAL EUROPE:</b>	<b>1 055</b>	<b>1 439</b>	<b>925</b>	<b>1 271</b>	<b>1 290</b>	<b>1 585</b>	<b>1 988</b>	<b>1 500</b>	<b>977</b>	<b>645</b>
<b>AFRICA:</b>										
Algeria	508	462	336	595	654	589	512	813	508	492
Libya	22	—	—	10	24	52	47	93	103	108
Mauritania	5	—	—	—	2	—	4	8	11	10
Morocco	24	—	—	—	—	—	—	—	—	—
Senegal	5	—	—	—	—	—	—	—	—	—
Tunisia	24	41	73	38	23	—	—	—	—	—
TOTAL AFRICA:	588	503	409	643	703	641	563	914	622	610
<b>MIDDLE EAST:</b>										
Iraq	—	—	—	—	—	—	—	—	52	—
Cyprus	—	1	—	—	—	—	—	—	7	—
TOTAL MIDDLE EAST:	—	1	—	—	—	—	—	—	59	—
<b>ASIA:</b>										
Bangladesh	33	7	—	5	—	—	—	—	—	—
Japan	—	—	—	—	48	32	77	60	61	18
TOTAL ASIA:	33	7	—	5	48	32	77	60	61	18
<b>WESTERN HEMISPHERE:</b>										
Costa Rica	—	—	—	—	—	4	—	—	—	—
Cuba	20	18	16	25	34	44	59	52	59	63
United States	—	—	—	—	—	—	—	3	—	—
Venezuela	—	—	—	4	—	4	—	16	48	49
TOTAL WESTERN HEMISPHERE:	20	18	16	29	34	52	59	71	107	112
<b>GRAND TOTAL:</b>	<b>1 696</b>	<b>1 968</b>	<b>1 350</b>	<b>1 948</b>	<b>2 075</b>	<b>2 310</b>	<b>2 687</b>	<b>2 545</b>	<b>1 826</b>	<b>1 385</b>

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission for 1985-86.

All previous years — Statistics Canada "Grain Trade of Canada".

**TABLE XV**  
**CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1976-77 to 1985-86**

Country	1976-77 000 tonnes	1977-78 000 tonnes	1978-79 000 tonnes	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	119	94	—	—	—	121	481	708	—	—
Denmark	10	—	—	—	—	—	—	—	—	—
France	7	—	—	—	—	—	—	22	—	—
Germany, Federal Rep.	238	206	100	53	—	—	51	20	—	—
Greece	—	26	—	—	—	—	—	—	—	—
Italy	851	630	425	582	344	417	310	126	—	—
Netherlands	155	31	—	—	1	—	—	63	—	—
Portugal	—	—	—	—	—	—	—	—	—	58
United Kingdom	56	58	72	24	10	3	—	—	2	—
TOTAL EEC:	1 436	1 045	597	659	355	541	842	939	2	58
OTHER WESTERN EUROPE:										
Finland	—	—	—	—	—	111	—	—	—	—
Iceland	—	—	4	4	3	1	—	—	—	—
Malta	—	—	—	9	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	5	—	—
Spain	—	—	—	—	—	235	410	102	—	—
Switzerland	40	—	—	—	—	—	—	—	—	—
TOTAL OTHER WESTERN EUROPE:	40	—	4	13	3	347	410	107	—	—
EASTERN EUROPE:										
Bulgaria	—	—	31	—	—	—	—	—	—	180
Germany, People's Republic of	282	—	246	—	—	103	600	1 123	798	571
Hungary	—	—	32	—	—	—	—	—	—	—
Poland	150	595	570	383	147	—	—	105	—	—
Romania	—	15	226	—	—	—	—	67	—	87
U.S.S.R.	121	166	126	872	1 573	2 780	1 526	472	410	439
TOTAL EASTERN EUROPE:	553	776	1 231	1 255	1 720	2 883	2 126	1 767	1 208	1 277
TOTAL EUROPE:	2 029	1 821	1 832	1 927	2 078	3 771	3 378	2 813	1 210	1 335
AFRICA:										
Algeria	78	109	80	138	—	36	—	—	—	—
Libya	9	—	—	—	—	—	—	—	—	—
Morocco	—	21	—	—	—	4	—	—	—	—
Tunisia	—	—	21	—	—	—	—	—	—	—
TOTAL AFRICA:	87	130	101	138	—	40	—	—	—	—
MIDDLE EAST:										
Cyprus	—	20	63	93	—	45	61	58	—	—
Iran	177	184	154	23	—	80	92	209	—	—
Iraq	46	—	16	59	—	—	101	197	135	—
Israel	132	116	235	239	124	209	252	256	187	145
Jordan	—	—	—	23	—	—	8	—	—	—
Kuwait	—	—	—	32	—	—	—	—	—	—
Lebanon	18	9	15	43	—	15	—	—	—	—
Saudi Arabia	—	—	—	57	—	89	—	31	—	899
Syria	—	—	—	103	—	—	—	98	—	—
Turkey	—	—	—	—	—	—	—	188	—	—
TOTAL MIDDLE EAST:	373	329	483	672	124	438	514	1 037	322	1 044
ASIA:										
China, People's Republic of	—	—	—	—	—	77	83	26	—	213
Japan	862	841	873	789	805	914	970	820	735	839
Korea, South	—	—	—	—	—	—	—	5	—	—
Singapore	—	—	—	—	—	—	—	262	140	—
Taiwan	—	—	—	—	—	118	83	—	—	—
TOTAL ASIA:	862	841	873	789	805	1 109	1 136	1 113	875	1 052
WESTERN HEMISPHERE:										
Colombia	56	72	78	91	47	86	101	115	—	—
Cuba	33	38	31	47	60	53	42	40	36	43
Ecuador	—	—	7	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	22	63	83	22
Peru	—	19	9	29	11	23	16	13	—	—
United States	168	99	140	138	111	202	121	74	78	96
TOTAL WESTERN HEMISPHERE:	257	228	265	305	229	364	302	305	197	161
TOTAL BARLEY:	3 608	3 349	3 554	3 831	3 236	5 722	5 330	5 268	2 604	3 592
MALT (Barley Equivalent):	174	191	246	254	285	280	318	269	177	203
GRAND TOTAL:	3 782	3 540	3 800	4 085	3 521	6 002	5 648	5 537	2 781	3 795

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1985-86.

All previous years — Statistics Canada "Grain Trade of Canada".



**TABLE XVI**  
**CANADIAN OATS EXPORTS BY AREAS AND COUNTRIES**  
**CROP YEARS 1976-77 to 1985-86<sup>1</sup>**

Country	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86 <sup>1</sup>
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
<b>WESTERN EUROPE:</b>										
EEC:										
Belgium and Luxembourg	36	—	—	—	—	—	—	—	—	—
Germany, Federal Rep.	164	1	—	—	—	—	—	—	—	—
Italy	68	40	—	14	—	—	—	—	—	—
Netherlands	114	2	1	12	—	—	3	—	—	—
United Kingdom	7	—	—	—	—	—	—	—	—	—
<b>TOTAL EEC:</b>	<b>389</b>	<b>43</b>	<b>1</b>	<b>26</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>OTHER WESTERN EUROPE:</b>										
Switzerland	19	—	3	—	—	—	3	—	—	—
<b>TOTAL OTHER WESTERN EUROPE:</b>	<b>19</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>EASTERN EUROPE:</b>										
Poland	42	—	—	47	41	3	—	—	—	—
U.S.S.R.	—	—	—	—	—	16	—	—	—	—
<b>TOTAL EASTERN EUROPE:</b>	<b>42</b>	<b>—</b>	<b>—</b>	<b>47</b>	<b>41</b>	<b>19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>TOTAL EUROPE:</b>	<b>450</b>	<b>43</b>	<b>4</b>	<b>73</b>	<b>41</b>	<b>19</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>ASIA:</b>										
Japan	3	—	—	—	—	—	2	3	—	3
<b>TOTAL ASIA:</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>3</b>	<b>—</b>	<b>3</b>
<b>WESTERN HEMISPHERE:</b>										
Cuba	19	29	9	26	2	11	14	1	—	—
Peru	—	3	—	—	—	—	—	—	—	—
Venezuela	—	3	—	—	1	—	—	—	—	—
United States	20	11	—	2	—	17	82	117	18	40
<b>TOTAL WESTERN HEMISPHERE:</b>	<b>39</b>	<b>46</b>	<b>9</b>	<b>28</b>	<b>3</b>	<b>28</b>	<b>96</b>	<b>118</b>	<b>18</b>	<b>40</b>
<b>SUB-TOTALS, ALL COUNTRIES:</b>	<b>492</b>	<b>89</b>	<b>13</b>	<b>101</b>	<b>44</b>	<b>47</b>	<b>104</b>	<b>121</b>	<b>18</b>	<b>43</b>
<b>SEED OATS:</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
<b>OATMEAL AND ROLLED OATS</b> <b>(Oats Equivalent)</b>	<b>1</b>	<b>—</b>	<b>2</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>
<b>TOTALS, ALL COUNTRIES:</b>	<b>494</b>	<b>90</b>	<b>17</b>	<b>105</b>	<b>45</b>	<b>50</b>	<b>105</b>	<b>122</b>	<b>19</b>	<b>44</b>

<sup>1</sup> Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1985-86.  
 All previous years — Statistics Canada "Grain Trade of Canada".





**TABLE XVII**  
**OVERSEAS<sup>1</sup> CLEARANCES OF CANADIAN BULK GRAIN<sup>2</sup> BY PORT AREAS**  
**CROP YEARS 1965-66 to 1985-86**

Crop Year	Atlantic Coast 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct <sup>3</sup> 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1965-66	1 091	8 104	635	682	6 130	16 642
1966-67	896	6 813	794	572	6 038	15 113
1967-68	423	3 271	569	586	5 025	9 874
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82	862	11 909	954	438	11 625	25 788
1982-83	657	14 944	782	557	11 521	28 461
1983-84	760	14 376	1 306	621	12 507	29 570
1984-85	450	9 707	1 047	437	10 617	22 258
1985-86 <sup>4</sup>	616	9 040	724	391	12 150	22 921

<sup>1</sup> To all countries except the U.S.A.

<sup>2</sup> Wheat (excluding bagged seed wheat), Oats, Barley, Rye, Flaxseed and Rapeseed.

<sup>3</sup> Includes shipments from ports along the Great Lakes.

<sup>4</sup> Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1985-86.

All previous years — Statistics Canada "Grain Trade of Canada".



**TABLE XVIII**  
**WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES**  
**CROP YEARS 1971-72 to 1985-86**

Crop Year	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC <sup>1</sup> 000 tonnes	China 000 tonnes
1971-72	14 412	5 440	8 607	44 052	41 988	32 575
1972-73	14 514	7 900	6 590	42 081	43 282	35 985
1973-74	16 162	6 560	11 987	46 560	43 081	35 225
1974-75	13 304	5 970	11 357	48 496	47 501	40 865
1975-76	17 081	8 570	11 982	57 885	40 039	45 310
1976-77	23 587	11 000	11 800	58 480	41 466	50 385
1977-78	19 858	5 300	9 370	55 670	40 125	41 075
1978-79	21 136	8 100	18 090	48 322	50 304	53 840
1979-80	17 196	8 100	16 188	58 080	48 826	62 730
1980-81	19 292	7 780	10 856	64 798	55 089	55 210
1981-82	24 803	8 300	16 360	75 805	54 312	59 640
1982-83	26 737	15 000	8 876	75 250	59 951	68 420
1983-84	26 505	13 000	21 903	65 829	59 450	81 390
1984-85	21 199	13 600	18 630	70 618	75 961	87 820
1985-86 <sup>2</sup>	24 252	8 500	16 050	60 001	65 838	85 500
Crop Year	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1971-72	23 833	13 500	98 760	6 476	64 457	354 100
1972-73	26 410	12 200	85 993	6 579	66 566	348 100
1973-74	24 735	10 000	109 784	7 443	64 263	375 800
1974-75	21 778	11 000	83 913	7 629	71 987	363 800
1975-76	24 235	14 750	66 224	7 673	65 451	359 200
1976-77	28 846	16 500	96 882	8 691	77 363	425 000
1977-78	29 010	16 650	92 161	9 144	68 037	386 400
1978-79	31 749	16 700	120 936	8 367	73 456	451 000
1979-80	35 508	17 500	90 207	9 950	64 515	428 800
1980-81	31 564	16 600	98 182	10 805	75 124	445 300
1981-82	36 313	17 000	81 000	11 475	69 392	454 400
1982-83	37 452	17 500	84 300	11 304	77 310	482 100
1983-84	42 794	16 438	77 500	12 414	77 077	494 300
1984-85	45 476	17 235	68 600	10 882	86 679	516 700
1985-86 <sup>2</sup>	44 229	17 032	78 100	11 703	92 395	503 600

<sup>1</sup> Ten Member States.

<sup>2</sup> Preliminary — subject to revision.

Source: For Canada — Statistics Canada.

United States — "Crop Production Summary", USDA, January 1987.

For all other countries — IWC "World Wheat Statistics".



**TABLE XIX**  
**COARSE GRAIN<sup>1</sup> PRODUCTION IN THE MAJOR EXPORTING COUNTRIES<sup>2</sup>**  
**CROP YEARS 1977-78 to 1985-86**

Countries	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86 <sup>3</sup>
	(million of tonnes)								
Canada:									
Barley	11.8	10.4	8.5	11.4	13.7	14.1	10.2	10.3	12.4
Oats	4.3	3.6	2.9	2.9	3.2	3.7	2.8	2.7	3.0
Corn	4.2	4.5	5.3	5.7	6.7	6.5	5.9	7.0	7.5
Rye	0.4	0.6	0.5	0.5	0.9	0.9	0.8	0.7	0.6
Mixed Grain	1.6	1.6	1.7	1.6	1.5	1.5	1.2	1.3	1.4
Total	22.3	20.7	18.9	22.1	26.0	26.7	20.9	22.0	24.9
United States	203.8	222.1	238.7	198.3	246.6	250.7	137.1	237.7	274.4
Australia	4.3	7.1	6.2	5.2	6.7	3.9	9.4	8.6	7.8
Argentina	18.3	17.3	10.6	21.0	18.4	17.8	17.4	18.6	17.1
South Africa	11.0	8.8	11.7	15.3	8.8	4.5	5.1	8.7	8.8
Thailand	2.2	3.0	3.6	3.5	4.7	3.7	4.3	4.7	5.5
Western Europe	87.5	94.0	91.1	95.0	87.9	93.6	86.1	103.6	101.3
Eastern Europe	59.2	60.5	63.4	61.4	64.5	72.0	67.1	72.8	68.8
U.S.S.R.	92.6	105.3	81.1	80.5	72.0	91.8	101.9	90.5	100.0
Others	201.5	214.8	216.5	229.7	234.3	219.7	238.4	246.5	234.9
WORLD TOTAL	702.7	753.6	741.8	732.0	769.9	784.4	687.7	813.7	843.5

<sup>1</sup> Includes corn, barley, oats, rye, sorghum, millet and mixed grains.

<sup>2</sup> July-June trade year through 1978-79. From 1979-80 the crop year is October-September for all countries except Canada, which is the August-July crop year.

<sup>3</sup> Subject to revision.

Source: USDA "Foreign Agriculture Circular", December 1986, F.G. 14, page 10.

For all countries except Canada "Field Crop Reporting Series No. 8".



**TABLE XX**  
**WORLD COARSE GRAIN<sup>1</sup> EXPORTS\***  
**CROP YEARS 1977-78 to 1985-86**

Countries	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86 <sup>3</sup>
(million of tonnes)									
Canada:									
Barley	3.3	3.6	3.8	3.2	5.7	5.3	5.3	2.6	4.8
Oats	0.1	—	0.1	—	—	0.1	0.1	—	—
Corn	0.3	0.2	0.3	1.1	1.3	0.5	0.4	0.6	2.1
Rye	0.3	0.2	0.4	0.4	0.5	0.3	0.7	0.4	—
Total	4.0	4.0	4.6	4.7	7.5	6.2	6.5	3.6	4.9
United States	52.1	56.9	71.4	69.5	58.4	54.0	55.8	55.4	60.0
Argentina	11.0	11.5	5.3	14.2	10.3	11.6	10.9	10.6	11.7
EEC <sup>3</sup>	3.5	5.3	5.0	5.6	4.0	4.2	4.3	8.5	10.0
Australia	1.9	2.6	4.1	2.3	3.1	1.0	5.5	6.4	—
South Africa	2.9	2.9	3.5	4.1	4.7	2.3	0.1	0.2	1.2
Thailand	1.3	2.3	2.2	2.4	3.5	2.3	3.3	3.4	3.6
U.S.S.R.	1.0	1.0	—	—	—	—	—	—	—
Others	5.8	3.7	2.7	6.0	5.1	8.0	5.3	12.0	16.0
<b>WORLD TOTAL</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>96.6</b>	<b>89.6</b>	<b>91.7</b>	<b>100.1</b>	<b>115.6</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye, and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Excluding intra-trade between member countries 1979-80 to 1985-86. — 10 member countries through 1981-82 — 12 member countries forward.

\* July-June trade year through 1978-1979. From 1979-80 the trade year is October-September for all countries except Canada.

Source: Canada — Canadian Grain Commission "Canadian Grain Exports" for 1985-86.

All previous years — Statistics Canada "Grain Trade of Canada", August-July crop year.

United States and other countries — USDA "Foreign Agriculture Circular", December 1986. F.G. 14 page 16.

**TABLE XXI**  
**WORLD IMPORTS OF COARSE GRAINS<sup>1\*</sup>**  
**CROP YEARS 1977-78 to 1985-86**

Countries	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86 <sup>3</sup>
(million of tonnes)									
EEC <sup>3</sup>	16.0	16.0	13.3	11.1	8.3	14.3	12.2	9.6	10.0
Other Western Europe	9.3	7.7	9.4	10.3	12.7	1.6	1.4	1.3	1.0
Eastern Europe	8.3	10.6	11.5	10.2	6.1	4.9	4.2	3.4	—
U.S.S.R.	11.7	9.9	13.8	23.5	20.4	11.0	11.9	27.3	11.0
Japan	17.0	17.9	18.3	18.6	17.9	18.7	20.7	20.7	20.7
Others	21.2	28.1	32.5	35.1	31.2	39.2	41.3	37.8	41.3
<b>WORLD TOTAL</b>	<b>83.5</b>	<b>90.2</b>	<b>98.8</b>	<b>108.8</b>	<b>96.6</b>	<b>89.7</b>	<b>91.7</b>	<b>100.1</b>	<b>115.6</b>

<sup>1</sup> Includes corn, barley, oats, sorghum, millet, rye and other grains.

<sup>2</sup> Subject to revision.

<sup>3</sup> Ten member countries to 1981-82 — Twelve members from 1982-83 forward.

\* July-June trade year through 1978-79. From 1979-80 the trade year is October-September.

Source: USDA "Foreign Agriculture Circular", December 1986. F.G. 14 page 16.

**TABLE XXII**
**EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL EXPORTERS  
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL  
JULY-JUNE CROP YEARS<sup>1</sup> 1966-67 to 1985-86**

Crop Year	Argentina 000 tonnes	Australia 000 tonnes	Canada 000 tonnes	United States 000 tonnes	EEC 000 tonnes	Others 000 tonnes	Total 000 tonnes
1966-67	3 059 ( 5.6%)	6 984 (12.7%)	14 005 (25.4%)	20 194 (36.6%)	4 177 ( 7.6%)	6 671 (12.1%)	55 090 (100.0%)
1967-68	1 370 ( 2.6%)	7 011 (13.6%)	9 127 (17.7%)	20 494 (39.7%)	4 350 ( 8.4%)	9 305 (18.0%)	51 657 (100.0%)
1968-69	2 785 ( 6.1%)	5 369 (11.8%)	8 305 (18.2%)	15 023 (32.9%)	5 020 (11.0%)	9 097 (20.0%)	45 599 (100.0%)
1969-70	2 108 ( 4.1%)	7 250 (14.1%)	9 380 (18.3%)	16 792 (32.7%)	7 167 (13.9%)	8 695 (16.9%)	51 392 (100.0%)
1970-71	1 704 ( 3.1%)	9 492 (17.3%)	11 819 (21.5%)	20 140 (36.7%)	3 105 ( 5.7%)	8 591 (15.7%)	54 851 (100.0%)
1971-72	1 328 ( 2.5%)	8 736 (16.6%)	13 684 (26.1%)	16 901 (32.2%)	4 656 ( 8.9%)	7 191 (13.7%)	52 496 (100.0%)
1972-73	3 510 ( 5.2%)	5 562 ( 8.2%)	15 681 (23.0%)	31 734 (46.6%)	6 525 ( 9.6%)	5 041 ( 7.4%)	68 053 (100.0%)
1973-74	1 106 ( 1.8%)	5 509 ( 8.7%)	11 436 (18.1%)	31 273 (49.7%)	5 467 ( 8.7%)	8 184 (13.0%)	62 975 (100.0%)
1974-75	2 178 ( 3.5%)	8 049 (12.8%)	10 776 (17.1%)	28 304 (45.0%)	7 122 (11.3%)	6 516 (10.3%)	62 945 (100.0%)
1975-76	3 111 ( 4.6%)	8 072 (12.1%)	12 334 (18.4%)	31 669 (47.4%)	7 729 (11.6%)	3 953 ( 5.9%)	66 868 (100.0%)
1976-77	5 584 ( 9.0%)	8 357 (13.5%)	13 434 (21.6%)	26 080 (42.1%)	3 912 ( 6.3%)	4 643 ( 7.5%)	62 010 (100.0%)
1977-78	2 670 ( 3.7%)	11 144 (15.3%)	16 030 (22.1%)	31 538 (43.5%)	4 479 ( 6.2%)	6 677 ( 9.2%)	72 538 (100.0%)
1978-79	3 307 ( 4.6%)	7 246 (10.2%)	13 081 (18.4%)	32 311 (45.4%)	7 349 (10.3%)	7 906 (11.1%)	71 200 (100.0%)
1979-80	4 748 ( 5.4%)	15 364 (17.6%)	15 886 (18.1%)	37 198 (42.5%)	10 271 (11.7%)	4 063 ( 4.7%)	87 530 (100.0%)
1980-81	3 932 ( 4.2%)	11 088 (11.9%)	16 260 (17.5%)	41 936 (45.0%)	12 684 (13.6%)	7 254 ( 7.8%)	93 154 (100.0%)
1981-82	4 281 ( 4.2%)	11 405 (11.3%)	18 445 (18.3%)	48 776 (48.4%)	13 990 (13.9%)	3 984 ( 3.9%)	100 881 (100.0%)
1982-83	7 471 (7.7%)	8 530 (8.8%)	21 367 (22.0%)	39 939 (41.2%)	14 084 (14.5%)	5 630 (5.8%)	97 021 (100.0%)
1983-84	9 637 (9.5%)	11 554 (11.4%)	21 764 (21.4%)	38 860 (38.3%)	15 040 (14.8%)	4 642 (4.6%)	101 497 (100.0%)
1984-85	7 966 (7.8%)	15 090 (14.7%)	17 540 (17.1%)	38 092 (37.2%)	17 234 (16.8%)	6 488 (6.4%)	102 410 (100.0%)
1985-86 <sup>2</sup>	6 197 (7.5%)	16 014 (19.2%)	17 683 (21.3%)	25 000 (30.0%)	14 335 (17.2%)	3 981 (4.8%)	83 210 (100.0%)

<sup>1</sup> Canada August-July.<sup>2</sup> Subject to revision.

Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include bagged seed exports. USDA "Wheat Situation" 1966-67 to 1974-75, "Foreign Agriculture Circular" 1975-76 to 1985-86.

All Others — IWC "World Wheat Statistics" 1986, "Record of World Wheat Statistics" 1986 and "Record of Operations" crop year 1985-86.



TABLE XXIII

IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES  
JULY-JUNE CROP YEARS 1966-67 to 1985-86

Crop Year	Arab Republic					
	Algeria 000 tonnes	of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes	Italy 000 tonnes
1966-67	790	2 498	—	2 637	5 124	1 031
1967-68	664	2 782	—	2 485	4 156	941
1968-69	700	1 945	N/A	2 425	20	1 574
1969-70	259	2 220	N/A	2 081	5 040	1 290
1970-71	646	2 835	N/A	1 855	3 660	1 440
1971-72	885	2 591	690	1 475	2 967	1 379
1972-73	645	3 040	2 176	2 950	5 289	1 211
1973-74	1 600	3 180	1 750	2 440	5 831	3 088
1974-75	1 762	3 489	2 057	1 663	5 675	1 636
1975-76	1 593	3 588	1 050	3 755	2 287	1 910
1976-77	1 338	3 956	765	3 504	3 156	2 428
1977-78	1 705	4 637	1 183	3 382	8 635	4 185
1978-79	1 006	5 541	1 221	3 739	1 969	1 242
1979-80	1 986	5 156	2 171	4 868	8 680	1 294
1980-81	1 824	6 755	659	3 855	13 775	1 914
1981-82	2 294	6 012	1 165	4 589	13 223	1 552
1982-83	2 064	6 188	1 564	3 879	12 963	1 190
1983-84	2 365	7 331	1 632	4 320	9 786	1 370
1984-85	2 164	6 819	2 189	4 934	7 429	515
1985-86 <sup>1</sup>	2 395	6 773	1 460	2 445	6 930	672

Crop Year						
	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes	U.S.S.R. 000 tonnes
1966-67	4 260	611	1 755	654	4 176	4 683
1967-68	4 028	942	1 332	758	4 077	1 534
1968-69	4 183	1 279	1 154	4 183	4 576	147
1969-70	4 425	1 618	1 195	1 673	4 781	1 105
1970-71	4 834	1 310	1 972	1 752	5 359	315
1971-72	4 965	1 482	1 553	1 784	3 829	3 409
1972-73	5 486	2 049	1 000	1 736	4 535	15 000
1973-74	5 353	1 526	1 758	1 627	3 114	4 389
1974-75	5 404	1 684	1 234	1 703	2 935	2 934
1975-76	5 923	2 152	2 061	1 493	4 264	10 096
1976-77	5 522	1 401	2 885	1 832	3 422	4 559
1977-78	5 690	1 499	2 470	1 786	3 841	6 340
1978-79	5 584	1 218	2 323	1 702	1 491	5 024
1979-80	5 571	1 001	3 827	1 813	1 695	11 686
1980-81	5 930	1 055	3 877	2 072	1 380	14 911
1981-82	5 637	1 025	3 818	1 907	1 544	19 645
1982-83	5 597	579	2 899	1 804	1 119	20 140
1983-84	5 901	663	2 025	2 510	1 016	20 560
1984-85	5 748	518	2 057	3 043	716	28 156
1985-86 <sup>1</sup>	5 485	511	1 644	3 006	802	15 301

<sup>1</sup> Subject to revision.

Source: IWC "World Wheat Statistics" 1986 and Record of Operations crop year 1985-86.



**TABLE XXIV**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN RED SPRING WHEAT<sup>1</sup>  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1962-63 to 1986-87**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Interim Payment \$ per tonne	Final Payment <sup>2</sup> \$ per tonne	Total Realized Price \$ per tonne
1962-63	55.12	—	—	13.74	68.86
1963-64	55.12	—	—	17.42	72.54
1964-65	55.12	—	—	14.22	69.34
1965-66	55.12	—	—	18.26	73.38
1966-67	55.12	—	—	17.89	73.01
1967-68	62.46	—	—	4.19	66.65
1968-69	62.46	—	—	—	62.46
1969-70	55.12	—	2.68 <sup>3</sup>	3.93 <sup>4</sup>	61.73
1970-71	55.12	—	—	6.28	61.40
1971-72	53.65	—	—	4.99	58.64
1972-73	53.65	11.02	—	14.47	79.14
1973-74	82.67	55.12	—	30.42	168.21
1974-75	82.67	55.12	—	26.60	164.39
1975-76	82.67	55.12	—	8.49	146.28
1976-77	110.23	—	—	6.92	117.15
1977-78	110.23	—	—	10.07	120.30
1978-79	110.23	18.37	—	31.93	160.53
1979-80	128.60	27.56	—	40.27	196.43
1980-81 <sup>5</sup>	156.16	40.34	—	25.62	222.12
1981-82	174.50	—	—	25.12	199.62
1982-83	174.50	—	—	17.84	192.34
1983-84	170.00	—	—	23.98	193.98
1984-85	170.00	—	—	16.37	186.37
1985-86	160.00	—	—	—	160.00
1986-87	130.00	—	—	—	—

<sup>1</sup> Base grade prior to 1971-72 was No. 1 Northern Wheat.

<sup>2</sup> Final payment and final realized price after deduction of Board Operation costs, but prior to deduction of P.F.A.A. Levy for years 1962-63 through 1969-70.

<sup>3</sup> Payment from Pool Account prior to payment from Temporary Wheat Reserves Act.

<sup>4</sup> Payment from Temporary Wheat Reserves Act.

<sup>5</sup> Crop years 1980-81 forward does not quote 1 CWRS 13% protein payment.



**TABLE XXV**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN AMBER DURUM  
BASIS IN STORE THUNDER BAY OR VANCOUVER  
POOL ACCOUNT YEARS 1978-79 to 1986-87**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Total Realized Price <sup>1</sup> \$ per tonne
1978-79	110.23	18.37	20.33	148.93
1979-80	128.60	36.75	39.50	204.85
1980-81	183.72	55.28	0.58	239.58
1981-82	174.50	—	25.84	200.34
1982-83	174.50	—	12.95	187.45
1983-84	165.00	15.00	24.04	204.04
1984-85	180.00	—	24.85	204.85
1985-86	160.00	—	21.30	181.30
1986-87	130.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

**TABLE XXVI**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 FEED OATS  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1972-73 to 1986-87**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1972-73	35.66	6.48	26.46	68.60
1973-74	68.08	—	43.41	111.49
1974-75	68.08	6.48	32.76	107.32
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	—	9.58	84.15
1977-78	74.57	—	—	74.57
1978-79	74.00	—	11.41	85.41
1979-80	68.08	—	—	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00	—	—	110.00
1982-83	90.00	—	9.53	99.53
1983-84	75.00	25.00	6.61	106.61
1984-85	100.00	—	12.31	112.31
1985-86	100.00	—	—	100.00
1986-87	75.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.



**TABLE XXVII**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN DESIGNATED OATS  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1981-82 to 1986-87**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1981-82	140.00	—	30.39	170.39
1982-83	140.00	—	10.30	150.30
1983-84	125.00	15.00	16.83	156.83
1984-85	140.00	—	20.75	160.75
1985-86	130.00	—	20.25	150.25
1986-87	130.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

**TABLE XXVIII**

**SCHEDULE OF CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN BARLEY  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1972-73 to 1986-87**

Pool Account	Initial Payment \$ per tonne	Adjustment Payment \$ per tonne	Final Payment <sup>1</sup> \$ per tonne	Final Realized Price <sup>1</sup> \$ per tonne
1972-73	39.50	4.13	23.63	67.26
1973-74	64.30	34.45	20.31	119.06
1974-75	71.19	27.56	8.30	107.05
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	—	11.12	91.50
1977-78	80.38	—	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	—	7.07	131.07
1982-83	110.00	—	—	110.00
1983-84	95.00	15.00	28.02	138.02
1984-85	110.00	15.00	6.30	131.30
1985-86	110.00	—	—	110.00
1986-87 <sup>2</sup>	80.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

<sup>2</sup> Base grade prior to 1986-87 was No. 1 Feed Barley.



**TABLE XXIX**

**DESIGNATED BARLEY SCHEDULE OF PAYMENT FOR SELECT CANADA WESTERN 6-ROW  
BASIS IN STORE THUNDER BAY  
POOL ACCOUNT YEARS 1975-76 TO 1986-87**

<b>Pool Account</b>	<b>Initial Payment \$ per tonne</b>	<b>Adjustment Payment \$ per tonne</b>	<b>Final Payment<sup>1</sup> \$ per tonne</b>	<b>Final Realized Price<sup>1</sup> \$ per tonne</b>
1975-76	75.78	13.78	71.42	160.98
1976-77	105.64	—	42.95	148.59
1977-78	98.75	—	8.43	107.18
1978-79	98.75	—	20.76	119.51
1979-80	98.75	34.45	34.54	167.74
1980-81	133.20	34.80	39.30	207.30
1981-82	158.00	—	27.79	185.79
1982-83	158.00	—	5.38	163.38
1983-84	140.00	—	28.09	168.09
1984-85	140.00	15.00	33.94	188.94
1985-86	155.00	—	28.39	183.39
1986-87 <sup>2</sup>	150.00			

<sup>1</sup> Final payment and final realized price after deduction of Board operating costs.

<sup>2</sup> Base grade prior to 1986-87 was No. 2 Canada Western 6-Row.





**TABLE XXX**  
**EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES**  
**JULY-JUNE CROP YEARS 1973-74 to 1985-86**

Crop Years	St. Lawrence 1 CWSR 13.5% Cdn. \$ per tonne	CANADA <sup>1</sup>		UNITED STATES	
		Pacific Coast 1 CWSR 13.5% Cdn. \$ per tonne	Pacific Coast 1 CWSR 13.5% U.S. \$ per tonne	Pacific Coast D.N.S. 14% U.S. \$ per tonne	Gulf Coast HWO U.S. \$ per tonne
1974-75	205.00	205.00	206.00	199.00	164.00
1975-76	184.00	193.00	192.00	185.00	152.00
1976-77	140.00	143.00	142.00	136.00	113.00
1977-78	147.00	151.00	137.00	129.00	116.00
1978-79	185.00	191.00	164.00	151.00	141.00
1979-80	231.00	236.00	202.00	186.00	174.00
1980-81	264.00	272.00	230.00	210.00	182.00
1981-82	238.00	244.00	201.00	184.00	171.00
1982-83	229.00	235.00	190.00	174.00	159.00
1983-84	238.00	242.00	193.00	178.00	154.00
1984-85	237.00	252.00	188.00	170.00	148.00
1985-86					
July	230.00	238.00	176.00	160.00	131.00
August	219.00	230.00	169.00	152.00	125.00
September	238.00	237.00	173.00	153.00	128.00
October	249.00	247.00	181.00	161.00	131.00
November	264.00	258.00	187.00	167.00	135.00
December	275.00	266.00	191.00	170.00	139.00
January	267.00	265.00	188.00	169.00	134.00
February	259.00	257.00	183.00	165.00	131.00
March <sup>2</sup>	267.00	266.00	190.00	170.00	137.00
April <sup>2</sup>	262.00	262.00	189.00	172.00	140.00
May <sup>2</sup>	262.00	247.00	180.00	175.00	136.00
June <sup>2</sup>	235.00	217.00	156.00	138.00	109.00

Crop Years	AUSTRALIA	ARGENTINA	EEC Standard Wheat Specified Zones
	ASW U.S. \$ per tonne	Trigo Pan U.S. \$ per tonne	U.S. \$ per tonne
1974-75	167.00	163.00	168.00
1975-76	147.00	144.00	139.00
1976-77	113.00	107.00	—
1977-78	119.00	116.00	97.00
1978-79	142.00	132.00	133.00
1979-80	169.00	192.00	171.00
1980-81	181.00	204.00	170.00
1981-82	165.00	178.00	150.00
1982-83	164.00	148.00	132.00
1983-84	154.00	137.00	146.00
1984-85	150.00	125.00	131.00
1985-86			
July	134.00	111.00	119.00
August	130.00	108.00	111.00
September	130.00	105.00	107.00
October	134.00	96.00	103.00
November	141.00	100.00	111.00
December	144.00	114.00	126.00
January	140.00	107.00	124.00
February	134.00	102.00	118.00
March <sup>2</sup>	139.00	91.00	109.00
April <sup>2</sup>	138.00	102.00	102.00
May <sup>2</sup>	135.00	89.00	101.00
June <sup>2</sup>	112.00	84.00	92.00

<sup>1</sup> Canadian Wheat Board official "in store" prices converted to f.o.b. at current FOBing rates — Australian Wheat Board selling price (f.o.b.) Australian Standard Wheat.

<sup>2</sup> Canadian Wheat Board quotations.

Source: IWC "World Wheat Statistics" and Canadian Wheat Board for 1985-86 Canadian prices.

— Not quoted.



**TABLE XXXI**

**SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMITS  
ISSUED TO PRODUCERS**

**CROP YEARS 1960-61 to 1985-86**

Crop Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
1960-61	42,124	104,384	77,917	224,425
1961-62	41,888	103,795	77,991	223,674
1962-63	41,352	102,420	77,366	221,138
1963-64	39,471	100,202	75,206	214,879
1964-65	39,027	98,028	73,888	210,943
1965-66	38,013	95,541	71,632	205,186
1966-67	36,258	92,302	69,494	198,054
1967-68	35,107	89,761	67,189	192,057
1968-69	35,332	88,304	66,970	190,606
1969-70	35,203	88,378	66,423	190,004
1970-71	33,602	85,453	63,654	182,709
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017
1982-83	25,741	71,404	48,588	145,733
1983-84	25,586	71,505	48,378	145,469
1984-85	25,180	70,778	47,605	143,563
1985-86	24,914	70,679	47,730	143,323

































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